

Statement showing the proportion between the amount of water available for consumption and that actually used for purposes of Irrigation during 1887-88 on the Canals fed direct from Rivers.

NAME OF CANAL.	APRIL AND MAY.			JUNE TO SEPTEMBER.			OCTOBER TO JANUARY.			FEBRUARY AND MARCH.		
	Supply avail- able for consumption, cubic feet per second.	Actually used for purposes of irrigation, cubic feet per second.	Proportion used of available supply.	Supply available for consumption.	Actually used.	Proportion used.	Available for consumption.	Actually used.	Proportion used.	Available for consumption.	Actually used.	Proportion used.
Háthmati	24	26	1'00	154	73	474	76	59	76	37	37	1'00
Jámda	83'34	52'16	62	294'33	43'20	15	304'00	49'80	16	221'64	57'57	26
Pákhed	9'64	9'60	1'00	48'40	7'93	0'16	50'44	15'23	0'30	12'27	12'18	0'99
Ojhar	45'60	21'48	0'46	106'33	14'73	0'14	104'09	20'75	0'20	55'30	18'53	0'34
Lákh	38'74	10'70	0'28	126'51	21'04	0'17	121'26	20'21	0'17	59'26	12'95	0'22
Níra Canal	Not open	Nil	Nil	Over 455 cubic feet.	125'00	27	Over 100 cubic feet.	60	0'60	40	25	60
Rewári	9'24	4'16	0'45	14'66	2'97	0'20	15'00	5'62	0'38	11'93	7'68	0'64
Chikhli	4'55	0'43	0'09	13'58	2'83	0'21	15'00	5'83	0'39	12'58	2'76	0'22
Krishna	89'27	41'50	0'46	139'77	33'07	0'23	137'94	39'19	0'28	98'31	39'25	0'39
Gokák Canal, 1st Section	45'25	12'4	27	77'36	16'67	0'22	78'49	19'03	0'24	55'56	11'59	21

• Excess got from back-water-supply.

J. E. WHITING, C.E.,
Acting Chief Engineer for Irrigation.

GOVERNMENT OF INDIA.
DEPARTMENT OF FINANCE AND COMMERCE.

RETAIL PRICES FOR THE 2ND HALF OF JUNE 1888.

(See Supplement to the Gazette of India, dated 28th July 1888.)

QUANTITIES PER RUPEE IN SEES OF 80 TOLAS.															AVERAGE WAGES PER MONTH.																
	2	3	4	5	6	7	8	9	10	11	12	13	14	15																	
DISTRICT.	WHEAT.		BARLEY.		RICE, BEST SORT.		RICE, COMMON.		JOWAR OR CHOLU (<i>Sorghum vulgare</i>).		BAJRA OR CUNDU (<i>Pennisetum typhoides</i>).		MARUA OR RAGI (<i>Eleusine indica</i>).		KANGNI OR KAKU, ITALIAN MILLET (<i>Setaria italica</i>).		GRAM, CHENNA, CHOLA, KADALAY OR SUNAGA (<i>Cicer arietinum</i>).		MAIZE (<i>Zea Mays</i>).		ARHAR OR TUR CADIAN PEA (<i>Cajanus indicus</i>).		FIREWOOD.		SALT.		Able-bodied agricultural labourers.	Swe or horse-keepers.	Common mason, carpenter or blacksmith.		
	Present	Past	Present	Past	Present	Past	Present	Past	Present	Past	Present	Past	Present	Past	Present	Past	Present	Past	Present	Past	Present	Past	Present	Past	Present	Past				Present	Past
CENTRAL PROVINCES.	S. Ch. S.	Ch. S.	Ch. S.	Ch. S.	Ch. S.	Ch. S.	Ch. S.	Ch. S.	Ch. S.	Ch. S.	Ch. S.	Ch. S.	Ch. S.	Ch. S.	Ch. S.	Ch. S.	Ch. S.	Ch. S.	Ch. S.	Ch. S.	Ch. S.	Ch. S.	Ch. S.	Ch. S.	Ch. S.	Ch. S.	Ch. S.	R. a. p.	R. a. p.	R. a. p.	
Amruti	14 14	15 12	8 0	8 0	9 13	10 0	17 7	17 12	14 0	13 4	15 0	15 2	11 0	11 0	11 0	11 0	11 0	11 0	11 0	11 0	11 0	11 0	11 0	11 0	11 0	11 0	11 0	6 0	6 0	10-0 to 12-0	
Alola	15 0	15 0	8 0	8 0	10 0	10 0	17 0	17 0	14 0	13 0	16 0	16 0	16 0	16 0	16 0	16 0	16 0	16 0	16 0	16 0	16 0	16 0	16 0	16 0	16 0	16 0	16 0	5 0	5 0	12-0 to 14-0	
Alchur	14 0	14 0	8 0	8 0	9 0	9 0	16 0	16 0	14 0	13 0	15 0	15 0	15 0	15 0	15 0	15 0	15 0	15 0	15 0	15 0	15 0	15 0	15 0	15 0	15 0	15 0	15 0	6-0 to 7-0	6-0 to 7-0	10-0 to 15-0	
Baidana	17 0	17 0	7 0	7 0	11 0	11 0	18 0	18 0	16 0	15 0	18 0	18 0	18 0	18 0	18 0	18 0	18 0	18 0	18 0	18 0	18 0	18 0	18 0	18 0	18 0	18 0	18 0	6 0	6 0	10-0 to 15-0	
Wun	16 0	15 0	7 0	7 0	11 0	11 0	18 0	18 0	16 0	15 0	18 0	18 0	18 0	18 0	18 0	18 0	18 0	18 0	18 0	18 0	18 0	18 0	18 0	18 0	18 0	18 0	18 0	5 0	5 0	12-0 to 30-0	
Masim	17 2	16 11	7 10	7 10	10 4	10 3	18 8	18 10	16 10	15 10	19 0	18 12	13 10	13 11	13 10	13 11	13 10	13 11	13 10	13 11	13 10	13 11	13 10	13 11	13 10	13 11	4 0	4 0	15 0 0		
BERAR.																															
Amruti	14 14	15 12	8 0	8 0	9 13	10 0	17 7	17 12	14 0	13 4	15 0	15 2	11 0	11 0	11 0	11 0	11 0	11 0	11 0	11 0	11 0	11 0	11 0	11 0	11 0	11 0	11 0	11 0	6 0	6 0	10-0 to 15-0
Alola	15 0	15 0	8 0	8 0	10 0	10 0	17 0	17 0	14 0	13 0	16 0	16 0	16 0	16 0	16 0	16 0	16 0	16 0	16 0	16 0	16 0	16 0	16 0	16 0	16 0	16 0	16 0	5 0	5 0	12-0 to 30-0	
Alchur	14 0	14 0	8 0	8 0	9 0	9 0	16 0	16 0	14 0	13 0	15 0	15 0	15 0	15 0	15 0	15 0	15 0	15 0	15 0	15 0	15 0	15 0	15 0	15 0	15 0	15 0	15 0	6-0 to 7-0	6-0 to 7-0	10-0 to 15-0	
Baidana	17 0	17 0	7 0	7 0	11 0	11 0	18 0	18 0	16 0	15 0	18 0	18 0	18 0	18 0	18 0	18 0	18 0	18 0	18 0	18 0	18 0	18 0	18 0	18 0	18 0	18 0	18 0	6 0	6 0	12-0 to 30-0	
Wun	16 0	15 0	7 0	7 0	11 0	11 0	18 0	18 0	16 0	15 0	18 0	18 0	18 0	18 0	18 0	18 0	18 0	18 0	18 0	18 0	18 0	18 0	18 0	18 0	18 0	18 0	18 0	4-0 to 6-0	4-0 to 6-0	15-0 to 20-0	
Masim	17 2	16 11	7 10	7 10	10 4	10 3	18 8	18 10	16 10	15 10	19 0	18 12	13 10	13 11	13 10	13 11	13 10	13 11	13 10	13 11	13 10	13 11	13 10	13 11	13 10	13 11	4-0 to 6-0	4-0 to 6-0	10-0 to 15-0		

• Firewood is sold by head-load, bullock-load, cart-load, and not by weight.

DEPARTMENT OF FINANCE AND COMMERCE,
(Statistical Branch).

E. J. SINKINSON,
Offg. Secretary to the Government of India.

GOVERNMENT OF INDIA.

REVENUE AND AGRICULTURAL DEPARTMENT.

**Weather Review of India for the week ending 8 a.m. on
Monday, July 30th, 1888.**

The mail steamer *Siam* from Aden to Bombay experienced, during her passage, a moderate monsoon without rain. From this report it would appear that the weather over the Arabian Sea was comparatively quiet, and that the monsoon current advancing towards India was of moderate strength, and that its rain-giving power was slight. Similar weather has prevailed over India during the week under review. The westerly wind blowing on the West Coast of the Peninsula and the south-westerly wind blowing on the Guzerat, Cutch, and Sind Coasts have generally been of about the normal strength, and the rain which they have given has been moderate in amount, though the fall has been fairly continuous and steady.

On the Bay side of India the force of the monsoon has steadily decreased during the week, and the distance between the isobaric lines over the Bay has steadily increased. The rainfall in this part of India has also been moderate or slight on most days.

In Upper India, on the contrary, conditions have been very unsettled. Several small shallow cyclonic storms have passed up the Gangetic plain—generally on a west or west-north-west course—and heavy local showers with some thunder have been experienced at several stations. During the earlier part of the week these unsettled conditions were confined to the lower part of the Gangetic plain, and the heaviest falls of rain were reported from the neighbourhood of Allahabad, Benares, &c.; but on the 28th moist winds extended well into the Punjab, and rain was reported from all stations, except those in the extreme south and west.

Temperature has continued high over the south and west of the Punjab and over Sind.

The Chart of the 23rd showed a fairly regular distribution of pressure over the Peninsula and the Central parts of the country, the isobaric lines running fairly uniformly from west to east across the country. This distribution was accompanied by a steady westerly monsoon on the West Coast, and by south-westerly winds on the East side of the Peninsula. In Northern India the distribution was very irregular. The lowest pressures were reported from the north-west of the Punjab, but over the whole of the Gangetic plain readings were nearly as low, and pressure very uniform. Small centres of depression were shown over Bengal and over Allahabad and Benares. Over the greater part of Northern India the rainfall had been light and scattered, and on the East Coast of the Peninsula, with the exception of Madras, no rain had fallen; but elsewhere rain was general, though, except at Mangalore and Mercara, on the whole light or moderate. Temperature had generally risen. On the 24th pressure had fallen fast over the Punjab, and moderately steep gradients existed over India. Notwithstanding this increase in the steepness of the gradient, nothing more than a moderate monsoon was blowing on either side of India. The general direction of the monsoon currents was the same as that reported on the previous day, but the winds over Northern India were less variable. A distinct but feeble cyclonic circulation existed around a small storm over Allahabad, and there were indications of a slight south-easterly current along the foot of the hills. There had been no rain of importance over Upper India, but elsewhere rain, though light, had been general. With this absence of rain, temperature had risen over Upper India, and high maxima were reported from the Punjab and Sind. On the following day, the 25th, a slight low pressure area had been developed over Bengal, but otherwise the distribution was the same as on the preceding day. Gradients were moderately steep over North-Western and Western India, while readings were very uniform over the North-Western Provinces and Bengal. The small depression noticed over Allahabad on the 24th had filled up. There was no change in the westerly wind across the Peninsula and the Central parts of the country, but

feeble cyclonic movements had been developed over Bengal, and the south-easterly current along the foot of the hills had increased somewhat. Strong south-westerly winds were blowing across Sind and Rajputana. Very heavy rain had fallen at Allahabad, and moderately heavy rain at Lucknow and Benares. There was no rain of importance in the Punjab and over the east of the Peninsula and the Central parts of the country, any rain which had fallen was light and scattered. Temperature had continued to rise in the Punjab and Rajputana. The Chart of the 26th showed that pressure had generally increased, and gradients between Southern and Northern India were much slighter than on the two previous days. Over Northern India the distribution remained irregular. Readings were lowest in the Indus Valley, but small shallow depressions were shown—one over Allahabad, the second between Berhampore and Purneah. The general wind directions were unaltered. Rain had fallen at the stations at the foot of the hills in the Punjab, but, in general, North-Western India remained without rain, while over the Central parts of the country and the east of the Peninsula any rain was light and scattered. Elsewhere rain was general and in places heavy. By the following morning the depression near Allahabad had increased somewhat, but otherwise there was very little change in the distribution. There was a slight indraught of wind towards the disturbance, and an irregular cyclonic circulation around it; but elsewhere the wind movements were the same as on the 26th. Rain had again fallen generally, except in North-Western India and in Madras. At some places—for example, Mussoorie and Sutna—the falls were large. The Chart of the 28th showed that there had occurred no important change in the distribution during the previous 24 hours. The slight depression near Allahabad still existed, while the lowest pressures were reported from Sind and Western Punjab. The winds were unchanged. More rain had fallen in the Punjab and Central Provinces than during the previous few days, but in parts of Bengal, the Punjab, the Konkan, Rajputana, and Madras the rainfall was slight and unimportant. Elsewhere it was general, and in some places heavy. Sutna and Rawalpindi received 5 inches. By the morning of the 29th the depression previously noticed near Allahabad had travelled westward to Jhansi, and the winds had consequently backed to south-westward over the Central parts of the country. Heavy rain had accompanied the progress of the depression westward, Agra, Jhansi, and Meerut reporting 2 inches. Rain had again been fairly general, except in Madras and the extreme west.

The rainfall return for the week shows an excess of rain in Burma, Bengal, Assam, the North-Western Provinces, and the hill districts; very little departure from the average over the West Coast districts, and some deficiency in the Punjab, the Central parts of the country, and Madras. On the Burma Coasts, Tenasserim and Arakan, the fall last week averaged 2 inches a day, and in Deltaic Burma about 1 inch. In Central and Upper Burma the amount was smaller, but there were several instances of heavy local falls, one station in Shwegyin reporting 14 inches, and Kyaukpyu reporting 27 inches. Bengal and Assam had good steady rain without any abnormal falls. At Cherrapunji the week's fall was 19 inches. In Orissa the rainfall was very slight. Chota Nagpur and Behar had constant and rather heavy rain, the largest amounts being reported from the Monghyr, Patna, and Bhagalpur districts. The North-Western Provinces and Oudh report exceedingly good rainfall, with several large amounts. In the Punjab conditions are less satisfactory. In the south of that Province there was very little rain, and in the central districts not much more. In the Submontane, Hill, and North West districts there was more, but in the West again there was very little. Along the West Coast and in Mysore the rainfall was fairly continuous during the week, but was nowhere exceptionally heavy. In the Deccan the amounts were light, and in some districts no rain at all fell during the early part of the week. Khandeish, the Berars, and the greater part of the Central Provinces experienced similar weather to that in the Deccan; Guzerat, Central India, and Rajputana had but little rain, and Kathiawar and Sind practically none. In Madras slight scattered showers occurred, but, except in South Arcot, no important fall of rain was recorded.

The final column of the table shows that over the greater part of India the seasonal rainfall is still deficient, though in a large number of the divisions the defect is not very large. The chief regions of excess are Tenasserim, Assam, the North-Western Provinces, Behar, the West Coast districts, the Berars, Central India, and the East Coast (Central). The largest deficiencies are in Orissa, the Punjab, Mysore (?), Guzerat, Rajputana, and Madras.

Province.	Division.	RAINFALL DATA FOR WEEK ENDING 30TH JULY, 1888.			RAINFALL DATA FROM 14TH MAY TO 30TH JULY, 1888.		
		Average actual rainfall of division.	Average nor- mal rainfall of division.	Excess or defect, in inches.	Average actual rainfall of season to date.	Average nor- mal rainfall, 14th May to 30th July.	Excess or de- fect of (season- al) rainfall expressed as a per- centage.
		Inches.	Inches.	Inches.	Inches.	Inches.	Per cent.
BURMAH	Tenasserim	14.87	10.25	+4.62	113.81	74.97	+ 52
	Lower Burma	6.55	5.68	+0.87	42.05	48.10	- 13
	Central do.	5.11	4.39	+0.72	34.96	37.81	- 8
	Upper do.	4.22	?	?	22.23	?	?
	Arakan	23.43	12.60	+10.83	75.89	106.87	- 29
BENGAL AND ASSAM...	Eastern Bengal	6.94	5.04	+1.90	30.64	43.42	- 29
	Assam (Surma)	6.75	5.10	+1.65	75.73	59.39	+ 23
	Do. (Brahmaputra)	4.70	3.09	+1.61	38.34	39.93	- 3
	Deltaic Bengal	4.29	3.34	+0.95	20.45	25.24	- 19
	Central do.	5.14	3.06	+2.08	21.86	24.32	- 10
	North do.	5.71	4.02	+1.69	40.83	50.85	- 8
	Orissa	1.50	2.89	-1.39	12.34	22.72	- 46
	Chota Nagpur	4.28	3.66	+0.62	19.20	22.64	- 15
	Behar (South)	5.43	3.68	+1.75	17.00	18.45	- 8
	Do. (North)	6.36	2.88	+3.48	24.01	21.62	+ 11
NORTH-WESTERN PROVINCES AND OUDH.	North-Western Provinces	5.28	3.24	+2.04	16.01	15.86	+ 1
	(East).						
	Oudh (South)	7.17	2.74	+4.43	18.85	14.81	+ 27
	Do. (North)	6.56	2.63	+3.93	20.32	17.61	+ 15
	North-Western Provinces	6.49	2.98	+3.51	22.39	12.91	+ 73
	(Central).						
PUNJAB	North-Western Provinces	2.25	2.71	-0.46	11.79	13.63	- 13
	(West).						
	North-Western Provinces	4.58	2.93	+1.65	20.84	17.54	+ 19
	(Submontane).						
	Punjab (South)	0.42	1.01	-0.59	3.76	6.66	- 44
BOMBAY AND MALA- BAR COAST DIS- TRICTS (MADRAS).	Do. (Central)	0.72	1.78	-1.06	7.05	11.24	- 37
	Do. (Submontane)	1.34	2.49	-1.15	11.02	12.50	- 12
	Do. (Hill Districts)	6.80	4.46	+2.34	22.22	17.74	+ 25
	Do. (North-West)	0.90	1.93	-1.03	3.64	8.79	- 59
	Do. (West)	0.12	0.67	-0.55	2.02	3.51	- 42
	Malabar	5.81	5.67	+0.14	86.61	73.92	+ 17
	Madras (South Central)	0.46	0.50	-0.04	11.97	7.12	+ 68
	Coorg	7.56	8.15	-0.59	66.47	72.85	- 9
	Mysore	0.91	0.84	+0.07	3.18	10.33	- 69
	Konkan	3.13	5.86	-2.73	73.19	66.61	+ 21
CENTRAL PROVINCES AND BERARS.	Bombay, Deccan	1.05	2.03	-0.98	15.03	15.77	- 5
	Hyderabad (North)	...	...	...	...	...	...
	Khandeish	0.32	0.87	-0.55	8.83	11.25	- 22
	Berars	0.68	1.63	-0.95	17.61	16.29	+ 8
	Central Provinces (West)	0.56	3.00	-2.44	18.40	20.26	- 9
BOMBAY (NORTH) ...	Ditto (Central)	1.56	4.34	-2.78	19.27	26.08	- 26
	Ditto (East)	2.48	2.95	-0.47	16.92	23.05	- 27
	Guzerat	0.31	3.03	-2.72	9.69	10.98	- 52
RAJPUTANA AND CEN- TRAL INDIA.	Kathiawar	0.07	1.32	-1.25	8.31	9.20	- 10
	Sind	0.01	0.33	-0.32	0.30	1.50	- 80
	Central India (East)	4.55	2.56	+1.99	14.15	13.10	+ 8
	Rajputana (East), Central	1.55	4.79	-3.24	6.91	10.56	- 35
MADRAS	India (West).	?	?	?	7.04	?	?
	Rajputana (West)	?	?	?	?	?	?
	East Coast (North)	0.11	1.15	-1.04	6.83	12.48	- 45
	Hyderabad (South)	0.29	1.04	-0.75	6.79	10.74	- 36
	Madras (Central)	0.18	0.84	-0.66	4.49	7.33	- 39
	East Coast (Central)	0.13	0.92	-0.79	8.78	7.70	+ 14
	Ditto (South)	1.04	0.55	+0.49	4.37	5.16	- 15
	Madras (South)	0.10	0.30	-0.20	2.00	3.06	- 35

W. L. DALLAS,

SIMLA, 30th July, 1888.

for Offg. Meteorological Reporter to the
Government of India.

E. C. BUCK,

Secretary to the Government of India.

GOVERNMENT OF INDIA.

REVENUE AND AGRICULTURAL DEPARTMENT.

Weekly Report on the State of the Season and Prospects of the Crops.

Madras.—*For week ending 28th July, 1888.*—Rainfall good on the West Coast, fair in Vizagapatam, Chingleput, North and South Arcot, and poor elsewhere. Crops generally good, but withering in Madura, Salem, South Arcot, and Anantapur. Want of rain greatly felt in Madura and also in the other three districts and parts of Trichinopoly, Tinnevely, Coimbatore, Ganjam, and Vizagapatam. Pasture very scanty in Madura and in parts of Trichinopoly, and insufficient in North Arcot, Salem, and Tinnevely. Agricultural operations progressing fairly. Prices generally rising where not stationary. General prospects fair.

Bombay.—*For week ending 1st August, 1888.*—River still low in Sind. Rain in parts of Karachi and Upper Sind Frontier and throughout the Presidency proper; but insufficient in parts of Guzerat, Kathiawar, the Deccan, and the Southern Mahratta Country. Sowing of early crops progressing in parts of Surat, Khandesh, Nasik, Poona, Satara, and Baroda, but retarded in parts of Nasik, Ahmednagar, and Belgaum. Transplanting completed in Colaba and Ratnagiri, progressing in Nasik, Thana, and Baroda, but retarded in parts of Kaira and Surat. Fodder scarce in parts of Hyderabad, Khandesh, Nasik, Sholapur, Belgaum, and Baroda.

Bengal.—*For week ending 31st July, 1888.*—Rainfall general and rather heavy in greater part of the Province. Cultivation of late rice proceeding well, but in Orissa and parts of the Rajshahye Division more rain wanted. Early rice, jute, and sugarcane generally promising. In Behar prospects of *bhadoi* crops favourable. Early rice and jute are being reaped in East and North Bengal. Indigo manufacture progressing. Considerable distress in parts of the Khurda subdivision of Puri, and gratuitous relief and relief works on a small scale sanctioned.

North-Western Provinces and Oudh.—*For week ending 1st August, 1888.*—Abundant and general rain fell during the week. Agricultural prospects are favourable, but a break is needed for the completion of *kharif* sowings. Markets are well supplied, but prices still have an upward tendency in some districts. The condition of cattle is satisfactory.

Punjab.—*For week ending 1st August, 1888.*—Fair rain has fallen generally, except in the frontier and south-west districts. A rise in prices is reported from two districts; in others they are stationary. Ploughings for and sowings of *kharif* crops are in progress. More rain wanted at Hissar and Shahpur. Prospects of standing crops reported good. No damage done to crops. Stock cattle generally in good condition. Fodder generally sufficient, but scarce in three districts.

Central Provinces.—*For week ending 1st August, 1888.*—Weather cloudy, with light rain. More rain wanted in the rice districts in the south and east of the Provinces, but prospects are generally favourable. Sowing and weeding continue. Cattle in fair condition. Fodder sufficient.

Burma.—*For week ending 28th July, 1888.*—Ploughing and sowing continue. In Lower Burma the rainfall was sufficient, except in Thayetmyo and North Tharrawaddy. In Upper Burma the rainfall was ample in Bhamo, Myadaung, Myingyan, Lower Chindwin, and Pyinmana, but Yamethin and Mandalay got only about an inch of rain each; elsewhere the rainfall was small. The price of paddy has fallen in Prome, Henzada, Moulmein, and Pagan districts, and has risen in Tavoy; elsewhere prices are stationary.

Assam.—*For week ending 1st August, 1888.*—Weather seasonable. Early rice still being reaped and cold weather rice transplanted. Prospects of crops in general good.

Mysore and Coorg.—*For week ending 1st August, 1888.*—Rainfall good in Civil and Military Station, Shimoga and Kadur, and fair in other districts. Standing crops withering still in parts, and rain much needed in Mysore district. Sowing operations in progress in parts. Outturn of crops on the whole fair.

Good rain in Coorg during the week. Transplanting of paddy in progress.

Berar and Hyderabad.—*For week ending 1st August, 1888.*—Weather cloudy. Good rain in Berar. Weeding of cotton plants in progress. Sowing of *jowari* nearly completed. Agricultural stock good. Fodder still insufficient in Amraoti district. Prices of foodgrains almost stationary.

Slight rain fell at Hyderabad. Agricultural prospects fair. Prices stationary.

Central India.—*For week ending 1st August, 1888.*—No changes since last report, except improvement in agricultural stock, and pasturage in Western Malwa and Bhopawar. Prices fallen slightly in Jhabua, and risen in Neemuch.

Rajputana.—*For week ending 1st August, 1888.*—Rainfall partial and light. Agricultural operations progressing. Standing crops good generally. Agricultural stock fair. Fodder scarce in many places. Prices rising generally.

Nepal.—*For week ending 26th July, 1888.*—Good rain fell during the week. Prospects improved.

E. C. BUCK,

Secretary to the Government of India.

GOVERNMENT OF INDIA.
PUBLIC WORKS DEPARTMENT.
RAILWAY TRAFFIC.

No. XIV. OF 1888-89.

APPROXIMATE STATEMENT OF GROSS RECEIPTS AND EXPENSES OF INDIAN RAILWAYS.

N.B.—As regards the figures in column *Total Receipts from 1st April to date*, audited figures have been used as far as possible.

Latest Return received.	RAILWAYS.	Total mean length open.	RECEIPTS FOR WEEK ENDING 9TH JULY, 1887.		Total mean length open.	RECEIPTS FOR WEEK ENDING 7TH JULY, 1888.		TOTAL RECEIPTS FROM 1ST APRIL TO 9TH JULY, 1887.		TOTAL RECEIPTS FROM 1ST APRIL TO 7TH JULY, 1888.		Total increase in 1888-89.	Total decrease in 1888-89.
			Total.	Per mile open.		Total.	Per mile open.	Total.	Per mile open per week.	Total.	Per mile open per week.		
	<i>State Lines worked by Companies.</i>		Rs.	Rs.		Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
21st July, 1888	East Indian	1,510	7,89,759	519	1,514	6,67,408	441	1,34,22,953	631	1,26,00,334	594	...	8,22,619
21st ditto	Rajputana-Malwa (a)	1,664	2,26,931	136	1,664	3,16,000	190	51,59,433	217	55,02,247	236	3,42,814	...
21st ditto	Sindia	75	6,980	93	75	7,252	97	1,22,076	117	1,12,846	108	...	10,119
21st ditto	Patna-Gya	57	8,570	150	57	6,377	111	1,30,170	103	1,22,271	153	...	7,900
14th ditto	Bengal-Nagpur (b)	186	12,732	68	186	16,144	87	5,25,314	197	5,30,776	204	5,462	...
21st ditto	Dildarnagar-Ghazipur	12	734	61	12	708	59	15,544	93	16,547	90	1,003	...
14th ditto	Mysore	140	9,280	66	140	10,332	74	1,49,932	70	1,45,571	74	5,489	...
14th ditto	Southern Mahratta (c)	675	57,061	86	850	78,403	92	9,01,244	99	11,54,247	97	2,53,003	...
7th ditto	Indian Midland	42	2,026	48	136	12,088	89	2,46,600	130	1,96,205	130	1,96,205	...
14th ditto	Cuddapah-Nellore	...	...	...	83	4,400	53	50,401	84	68,447	50	68,447	...
14th ditto	Bareilly-Pilibhoet	36	1,395	39	30	1,106	31	28,325	56	23,792	47	...	4,600
14th ditto	Lucknow-Sitapur-Sihramau	85	2,627	31	105	3,968	38	60,734	54	76,160	52	15,426	...
	TOTAL	4,491	11,18,995	249	4,838	11,24,186	231	2,05,57,135	323	2,05,99,704	303	42,569	...
	<i>State Lines worked by Government.</i>												
21st July, 1888	North-Western (d)	3,094	3,39,751	163	2,411	4,26,330	177	60,60,092	203	68,77,542	204	8,08,450	...
14th ditto	Wardha Coal	45	13,894	309	45	12,411	276	2,29,105	356	2,11,181	335	...	17,924
14th ditto	Bengal Central	125	11,584	93	125	10,853	87	1,90,819	109	1,79,579	97	...	20,240
14th ditto	Eastern Bengal Railways (e)	645	1,21,631	189	672	1,31,547	196	20,03,406	222	20,38,198	216	34,792	...
14th ditto	Nalhati	27	19,910	71	27	1,475	54	25,751	68	26,501	69	750	...
14th ditto	Tirhoot	249	29,237	117	250	27,599	107	4,92,923	141	5,06,797	140	13,874	...
14th ditto	Burma	333	47,986	144	392	48,076	123	8,11,038	185	8,71,151	166	9,213	...
14th ditto	Jorhat	26	980	38	25	1,240	49	13,173	32	14,866	37	1,693	...
30th June, 1888	Cherra-Companyganj	...	...	...	...	(f)	...	(g) 596	7	(h) 1,140	12	544	...
	TOTAL	3,544	5,66,973	160	3,936	6,59,531	167	98,86,863	195	1,07,17,955	194	8,31,092	...
	<i>Lines worked by Guaranteed Companies.</i>												
14th July, 1888	Madras	831	1,60,475	193	842	1,56,630	186	23,51,594	198	22,79,265	193	...	72,330
14th ditto	South Indian	664	1,08,371	160	654	1,05,176	161	14,76,221	158	15,48,363	169	72,142	...
14th ditto	Great Indian Peninsula	1,497	4,69,511	334	1,497	4,64,025	324	1,43,78,407	670	1,41,31,021	672	...	2,47,380
14th ditto	Bombay, Baroda and Central India	461	1,45,610	316	461	1,57,000	341	45,20,706	686	39,83,972	617	...	5,37,814
14th ditto	Oudh and Rohilkhand	686	88,144	128	693	98,683	142	20,65,090	215	21,32,911	220	66,021	...
	TOTAL	4,129	10,02,111	237	4,147	10,01,514	242	2,47,92,918	420	2,49,73,732	415	...	7,19,180
GRAND TOTAL (GUARANTEED AND STATE)		12,164	26,88,079	221	12,091	27,85,231	215	5,52,36,916	319	5,53,91,391	305	1,54,475	...
	GROSS ESTIMATED EXPENSES												
	NET RECEIPTS												
	<i>Assisted Companies.</i>												
14th July, 1888	Bengal and North-Western	376	22,422	60	376	33,756	90	7,06,729	132	8,04,560	153	97,831	...
21st ditto	Tarakeshwar	22	6,049	275	22	4,918	221	84,848	272	89,225	286	4,377	...
14th ditto	Rohilkhand-Kumaon	67	5,825	88	67	7,169	107	1,02,740	110	1,03,050	111	1,210	...
7th ditto	Dibru-Sadiya	78	8,067	115	78	8,761	112	4,22,561	110	1,17,860	108	...	4,700
	TOTAL	543	43,313	80	543	54,598	101	10,16,878	131	11,15,598	147	98,717	...
	<i>Native States.</i>												
14th July, 1888	The Nizam's (Guaranteed Company)	208	21,529	104	277	22,467	81	4,60,060	155	4,24,754	110	...	35,306
21st ditto	The Gaekwar's	59	1,900	33	59	1,620	28	53,208	63	45,669	55	...	7,539
21st ditto	The Gaekwar's Mehsana-Vadnagar	21	585	28	21	700	33	11,167	37	15,427	52	4,260	...
14th ditto	Bhavnagar-Gondal	193	12,892	67	193	13,103	68	3,76,288	139	3,28,475	122	...	47,811
14th ditto	Morvi	68	2,023	30	68	2,243	33	53,403	56	62,107	65	8,704	...
21st ditto	Jodhpore	124	5,134	43	124	8,200	66	1,06,413	60	1,13,450	65	7,037	...
	TOTAL	673	44,337	66	742	48,335	65	10,60,539	111	9,89,882	95	...	70,650

(a) Includes the Cawnpore-Achnera State Railway.

(b) Includes the Katni-Umaria State Railway.

(c) Includes the Bellary-Kistna State Railway.

(d) Includes the Amritsar-Pathankot and Rajpura-Patidla State Railways.

(e) Includes the Northern Bengal, Dacca, Kaunia-Dharila and Assam-Bohar State Railways.

(f) Return not received.

(g) Total receipts from 1st April to 2nd July, 1887.

(h) Ditto 1st April to 30th June, 1888.

SIMLA, 2nd August, 1888.

M. C. BRACKENBURY, Major, R.E.,

Under-Secretary.

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GOVERNMENT OF INDIA.
DEPARTMENT OF FINANCE AND COMMERCE.

RETAIL PRICES FOR THE 1st HALF OF JULY 1888.

DISTRICTS.	QUANTITIES PER RUPEE IN SERS OF 80 TOLAS.																							
	WHEAT.		BARLEY.		RICE, BEST SORT.		RICE, COMMON.		JOWAR OR CHOLU (<i>Sorghum vulgare</i>).		BAJRA OR COMBU (<i>Pennisetum typhloides</i>).		MARUA OR RAGI (<i>Eleusine indica</i>).		KANGIT OR KAKUN, ITALIAN MILLET (<i>Scleria italica</i>).		GRAM, CHENA, CHOLA, KADLAY OR SUNAGA (<i>Cicer arietinum</i>).		MAIZE (<i>Zea Mays</i>).		FIREWOOD.		SALT.	
	Present forwght.	Past forwght.	Present forwght.	Past forwght.	Present forwght.	Past forwght.	Present forwght.	Past forwght.	Present forwght.	Past forwght.	Present forwght.	Past forwght.	Present forwght.	Past forwght.	Present forwght.	Past forwght.	Present forwght.	Past forwght.	Present forwght.	Past forwght.	Present forwght.	Past forwght.	Present forwght.	Past forwght.
MADRAS.																								
Ganjam	10 5	10 5	...	...	15 6	15 6	16 5	16 5	23 13	23 13	22 13	22 13	29 5	30 13	...	...	...	...	...	...	194 6	104 6	9 6	10 6
Vizagapatam	15 0	15 0	...	...	16 5	16 5	17 5	17 5	23 13	23 13	22 13	22 13	29 5	30 13	...	...	...	...	...	...	116 10	116 10	11 6	10 6
Kodavari	11 11	11 11	...	...	16 5	16 5	18 0	18 0	23 13	23 13	22 13	22 13	29 5	30 13	...	...	...	...	...	...	243 0	243 0	13 3	11 6
Kistna	9 11	9 11	...	...	16 5	16 5	18 0	18 0	23 13	23 13	22 13	22 13	29 5	30 13	...	...	...	...	...	...	157 14	157 14	13 3	13 3
Nellore	10 13	10 13	...	...	16 5	16 5	18 0	18 0	23 13	23 13	22 13	22 13	29 5	30 13	...	...	...	...	...	...	93 5	93 5	11 11	11 11
Cuddapah	11 13	11 13	...	...	16 5	16 5	18 0	18 0	23 13	23 13	22 13	22 13	29 5	30 13	...	...	...	...	...	...	140 0	140 0	12 10	12 10
Anantapur	11 13	11 13	...	...	16 5	16 5	18 0	18 0	23 13	23 13	22 13	22 13	29 5	30 13	...	...	...	...	...	...	145 13	145 13	11 14	11 14
Bellary	11 13	11 13	...	...	16 5	16 5	18 0	18 0	23 13	23 13	22 13	22 13	29 5	30 13	...	...	...	...	...	...	124 10	124 10	11 14	11 14
Kurnool	11 13	11 13	...	...	16 5	16 5	18 0	18 0	23 13	23 13	22 13	22 13	29 5	30 13	...	...	...	...	...	...	124 10	124 10	11 14	11 14
Kandam	11 13	11 13	...	...	16 5	16 5	18 0	18 0	23 13	23 13	22 13	22 13	29 5	30 13	...	...	...	...	...	...	124 10	124 10	11 14	11 14
Chingleput	11 13	11 13	...	...	16 5	16 5	18 0	18 0	23 13	23 13	22 13	22 13	29 5	30 13	...	...	...	...	...	...	124 10	124 10	11 14	11 14
North Arcot	11 13	11 13	...	...	16 5	16 5	18 0	18 0	23 13	23 13	22 13	22 13	29 5	30 13	...	...	...	...	...	...	124 10	124 10	11 14	11 14
South Arcot	11 13	11 13	...	...	16 5	16 5	18 0	18 0	23 13	23 13	22 13	22 13	29 5	30 13	...	...	...	...	...	...	124 10	124 10	11 14	11 14
Tanjore	11 13	11 13	...	...	16 5	16 5	18 0	18 0	23 13	23 13	22 13	22 13	29 5	30 13	...	...	...	...	...	...	124 10	124 10	11 14	11 14
Trichinopoly	11 13	11 13	...	...	16 5	16 5	18 0	18 0	23 13	23 13	22 13	22 13	29 5	30 13	...	...	...	...	...	...	124 10	124 10	11 14	11 14
Madura	11 13	11 13	...	...	16 5	16 5	18 0	18 0	23 13	23 13	22 13	22 13	29 5	30 13	...	...	...	...	...	...	124 10	124 10	11 14	11 14
Trinnevelly	11 13	11 13	...	...	16 5	16 5	18 0	18 0	23 13	23 13	22 13	22 13	29 5	30 13	...	...	...	...	...	...	124 10	124 10	11 14	11 14
Combatore	11 13	11 13	...	...	16 5	16 5	18 0	18 0	23 13	23 13	22 13	22 13	29 5	30 13	...	...	...	...	...	...	124 10	124 10	11 14	11 14
Nilgiris	11 13	11 13	...	...	16 5	16 5	18 0	18 0	23 13	23 13	22 13	22 13	29 5	30 13	...	...	...	...	...	...	124 10	124 10	11 14	11 14
Salem	11 13	11 13	...	...	16 5	16 5	18 0	18 0	23 13	23 13	22 13	22 13	29 5	30 13	...	...	...	...	...	...	124 10	124 10	11 14	11 14
South Canara	11 13	11 13	...	...	16 5	16 5	18 0	18 0	23 13	23 13	22 13	22 13	29 5	30 13	...	...	...	...	...	...	124 10	124 10	11 14	11 14
Malabar	11 13	11 13	...	...	16 5	16 5	18 0	18 0	23 13	23 13	22 13	22 13	29 5	30 13	...	...	...	...	...	...	124 10	124 10	11 14	11 14
BOMBAY.																								
Bombay	10 0	10 0	21 13	18 6	7 6	8 8	2 2	11 7	17 0	13 9	13 1	17 13	17 13	17 13	15 13	17 14	15 12	15 12	15 12	15 12	67 1	67 1	11 3	11 3
Daskrohi	10 0	10 0	20 0	20 0	8 0	8 0	6 6	12 5	14 8	13 0	13 0	16 0	16 0	16 0	13 0	16 0	13 8	13 8	13 8	13 8	86 0	86 0	13 0	13 0
Karar	13 0	13 0	14 0	14 0	8 0	8 0	7 0	12 5	14 8	13 0	13 0	16 0	16 0	16 0	13 0	16 0	13 8	13 8	13 8	13 8	86 0	86 0	13 0	13 0
Braach	13 0	13 0	14 0	14 0	8 0	8 0	7 0	12 5	14 8	13 0	13 0	16 0	16 0	16 0	13 0	16 0	13 8	13 8	13 8	13 8	86 0	86 0	13 0	13 0
Tanna (Salsette)	9 4	9 4	...	...	8 3	8 3	7 0	12 5	14 8	13 0	13 0	16 0	16 0	16 0	13 0	16 0	13 8	13 8	13 8	13 8	86 0	86 0	13 0	13 0
Colaba (Aitac)	15 71	15 71	...	...	8 3	8 3	7 0	12 5	14 8	13 0	13 0	16 0	16 0	16 0	13 0	16 0	13 8	13 8	13 8	13 8	86 0	86 0	13 0	13 0
Khandesh (Dhulia)	15 71	15 71	...	...	8 3	8 3	7 0	12 5	14 8	13 0	13 0	16 0	16 0	16 0	13 0	16 0	13 8	13 8	13 8	13 8	86 0	86 0	13 0	13 0
Nasik	15 71	15 71	...	...	8 3	8 3	7 0	12 5	14 8	13 0	13 0	16 0	16 0	16 0	13 0	16 0	13 8	13 8	13 8	13 8	86 0	86 0	13 0	13 0
Aimednagar	15 71	15 71	...	...	8 3	8 3	7 0	12 5	14 8	13 0	13 0	16 0	16 0	16 0	13 0	16 0	13 8	13 8	13 8	13 8	86 0	86 0	13 0	13 0
Poona (City)	15 71	15 71	...	...	8 3	8 3	7 0	12 5	14 8	13 0	13 0	16 0	16 0	16 0	13 0	16 0	13 8	13 8	13 8	13 8	86 0	86 0	13 0	13 0
Sholapur	15 71	15 71	...	...	8 3	8 3	7 0	12 5	14 8	13 0	13 0	16 0	16 0	16 0	13 0	16 0	13 8	13 8	13 8	13 8	86 0	86 0	13 0	13 0
Bijapur	15 71	15 71	...	...	8 3	8 3	7 0	12 5	14 8	13 0	13 0	16 0	16 0	16 0	13 0	16 0	13 8	13 8	13 8	13 8	86 0	86 0	13 0	13 0
Satara	15 71	15 71	...	...	8 3	8 3	7 0	12 5	14 8	13 0	13 0	16 0	16 0	16 0	13 0	16 0	13 8	13 8	13 8	13 8	86 0	86 0	13 0	13 0
Belgaum	15 71	15 71	...	...	8 3	8 3	7 0	12 5	14 8	13 0	13 0	16 0	16 0	16 0	13 0	16 0	13 8	13 8	13 8	13 8	86 0	86 0	13 0	13 0
Bijapur (Hawel)	15 71	15 71	...	...	8 3	8 3	7 0	12 5	14 8	13 0	13 0	16 0	16 0	16 0	13 0	16 0	13 8	13 8	13 8	13 8	86 0	86 0	13 0	13 0

[illegible]

3. Not available.
 4. In Subargone sub-division retail price of salt 8 sers per rupee.
 5. In Subargone sub-division retail price of salt per rupee are :—Nittore 9-12 sers and Nowgong 9-9 sers.
 6. In sub-divisions retail prices of salt per rupee are :—Nilphamari 10 sers, Kurigram 9 sers, and Gaibanda 7-8 sers.
 7. In Seraguda sub-division retail price of salt 10-8 sers per rupee.
 8. At Siliguri retail price of salt 9 sers per rupee.
 9. At Falakgata in Alipore sub-division retail price of salt 8 sers per rupee.
 10. In sub-divisions retail prices of salt per rupee are :—Manikgange 2 sers, Manabgange 8-14 sers, and Naraingange 10 sers.
 11. In sub-divisions retail prices of salt per rupee are :—Pamakhali 8 sers, Feni-pore 9 sers, and Bhola 10-8 sers.
 12. In sub-divisions retail prices of salt per rupee are :—Kinoregange, Jamalpore and Sbarpore 8 sers, Attia 10 sers, and Netrokona 9 sers.
 13. At Cox's Bazar retail price of salt 8 sers per rupee.
 14. At Fanchingcha in the Penny sub-division retail price of salt 8 sers per rupee.

a In sub-divisions retail prices of salt per rupee are :—Culna 10-8 sers, Cutwa 10-2 sers, and Raneengunge 11 sers.
b At Mithenpore retail price of salt 10 sers per rupee.
c At Rampore Haut retail price of salt 11-4 sers per rupee.
d In sub-divisions retail prices of salt per rupee are :—Contai 9-8 sers, Tumlook 8 sers, and Chhatal 11 sers.
e In sub-divisions retail prices of salt per rupee are :—Scrampore 11 sers and Jehanabad 10-5 sers.
f In sub-divisions retail prices of salt per rupee are :—Haraset and Basirhat 9 sers; Barrackpore 9-2 sers, and DumDum 10 sers.
g In sub-divisions retail prices of salt per rupee are :—Koothita, Chooadanga and Ranaghat 10 sers, and Moberpore 11-8 sers.
h In Baghat sub-division retail price of salt 8 sers per rupee.
i In sub-divisions retail prices of salt per rupee are :—Jhenidah and Magura 9 sers, Narail 7½ sers, and Boongong 10 sers.
j In sub-divisions retail prices of salt per rupee are :—Lalghat and Jangipore 10 sers and Kandi 10-8 sers.

RETAIL PRICES FOR THE 1st HALF OF JULY 1888—continued.

DISTRICTS.	QUANTITIES PER RUPEE IN SERS OF 80 TOLAS.														
	2	3	4	5	6	7	8	9	10	11	12	13	14		
	WHEAT.	BARLEY.	RICE, BEST SORT.	RICE, COMMON.	JOWAR OR CHOLU (Sorghum vulgare).	BAJRA OR CUMBU (Pennisetum polystachyon).	MARUA OR RAGI (Eleusine coracana).	KANONI OR KANUN, ITALIAN MILLET (Sesaria italica).	GRAM, CHANNA, CHOLA, KADALAY OR SENGGA (Cicer arietinum).	MAIZE (Zea Mays).	ARHAR OR TUR (Cajanus indicus).	FIREWOOD.	SALT.		
	Present fortnight.	Present fortnight.	Present fortnight.	Present fortnight.	Present fortnight.	Present fortnight.	Present fortnight.	Present fortnight.	Present fortnight.	Present fortnight.	Present fortnight.	Present fortnight.	Present fortnight.	Present fortnight.	Present fortnight.
	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.
BENGAL—continued.															
Eastern Districts—continued.															
Tipperah	12 8	...	17 8	22 0	...	...	...	...	14 4	...	10 0	...	320 0	8 0	8 0
Chittagong Hill Tracts	8 0	...	13 5	16 0	...	...	...	...	12 0	...	...	...	...	8 0	8 0
Hill Tracts	8 0	...	12 0	20 0	...	...	...	...	...	...	12 0	...	...	9 0	9 0
Behar.															
Patna	19 8	24 0	11 8	19 3	...	...	25 0	17 0	26 0	...	27 0	...	120 0	10 0	10 0
Gya	17 0	20 0	11 0	16 0	...	...	...	...	21 0	...	...	...	180 0	10 0	9 8
Shahabad	17 0	22 0	8 0	15 0	...	...	...	...	24 0	...	...	...	140 0	10 0	10 0
Darbhanga	15 0	20 0	14 0	19 0	...	...	30 0	...	22 0	...	...	...	160 0	10 0	10 0
Muzafferpore	16 0	25 0	12 0	17 0	...	...	20 0	...	23 0	...	...	...	160 0	10 0	10 0
Saran	17 0	22 0	9 8	18 8	...	...	30 0	...	22 0	...	...	...	160 0	10 0	10 0
Chumpan	17 0	28 0	7 0	16 0	...	...	...	...	19 0	...	...	...	160 0	10 0	10 0
Monghyr	17 14	22 2	13 14	15 12	...	...	...	...	25 4	...	...	...	126 0	10 0	10 0
Bagalpur	17 10	22 11	13 14	17 10	...	...	...	...	23 10	...	...	...	151 8	10 0	10 0
Purneah	18 0	20 0	13 0	18 0	...	...	35 0	...	26 0	...	...	...	120 0	10 0	10 0
Maidah	17 0	17 8	13 0	19 8	...	...	...	...	26 0	...	...	...	120 0	10 0	10 0
Sonthal Pergunnabs	13 0	13 0	16 0	18 0	...	...	...	...	20 0	...	...	...	200 0	10 0	10 0
Odessa.															
Cuttack	10 8	11 13	10 8	19 11	...	...	...	...	18 6	...	...	...	80 0	8 0	8 0
Pooree	10 8	10 8	11 13	21 0	...	...	...	...	15 12	...	...	...	80 0	8 0	8 0
Blasore	15 0	13 0	13 0	21 0	...	...	...	...	16 0	...	...	...	200 0	9 8	9 8
CHOTA NAGPORE.															
South-Western Frontier Agency.															
Hazratnagar	13 8	18 0	7 0	13 8	...	...	25 0	...	17 0	...	16 0	...	320 0	8 0	8 0
Chandrapur	12 8	...	15 0	17 0	...	...	30 0	...	16 0	...	20 0	...	140 0	8 0	8 0
Singbhum.	12 0	16 0	12 0	16 0	...	...	...	...	14 0	...	18 0	...	240 0	6 8	6 8
Madhoom.	12 5	...	13 0	16 8	...	...	...	...	17 0	...	20 0	...	240 0	8 0	9 2
ASSAM.															
Silhet	15 0	15 0	13 2	19 4	...	...	...	...	18 6	...	11 8	...	108 0	10 0	9 8
Cachar	9 0	10 0	11 8	20 0	...	...	...	...	16 0	...	10 8	...	80 0	9 8	9 0
Goalpara	20 0	20 0	18 0	18 0	...	...	...	...	16 0	...	11 0	...	80 0	9 0	9 0
Tezpur	16 0	20 0	8 0	25 0	...	...	...	...	10 0	...	9 0	...	160 0	9 0	8 0
Dibrugarh	16 0	...	8 0	16 0	...	...	...	...	13 0	...	12 0	...	160 0	9 0	8 0

RETAIL PRICES FOR THE 1st HALF OF JULY 1888—continued.

		1	2	3	4	5	6	7	8	9	10	11	12	13	14																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																		
QUANTITIES PER RUPEE IN SERS OF 80 TOLAS.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																	
DISTRICTS.		WHEAT.		BARLEY.		RICE, BEST SORT.		RICE, COMMON.		JOWAR OR CHOLU (<i>Sorghum vulgare</i>).		(BAJRA OR CUMBU <i>Pennisetum typhoides</i>).		MARUA OR RAGI (<i>Zizania corymbosa</i>).		KANGNI OR KAKUN, ITALIAN MILLER (<i>Lolium italicum</i>).		GRAM, CHENNA, CHOLA, KADALAY OR SURAGA (<i>Cicer arretinum</i>).		MAIZE (<i>Zea Mays</i>).		ARHAR OR TUR CADIAN PEA (<i>Cajanus indicus</i>).		FIRWOOD.		SALT.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																							
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PUNJAB.																S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. 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[illegible]

A Firewood is sold by head-load, bullock-load and cart-load.

None in market.

RETAIL PRICES FOR THE 1st HALF OF JULY 1888—concluded.

QUANTITIES PER RUPEE IN SEERS OF 80 TOLAS.																										
DISTRICTS.	WHEAT.		BARLEY.		RICE, BEST SORT.		RICE, COMMON.		JOWAR OR CHOLU (Sorghum vulgare).		BAJRA OR COMBU (Pennisetum typhoides).		MARUA OR RAGI (Eleusine indica).		KANGNI, OR KANUN, MILLET (Setaria italica).		GRAM, CHENNA, CHOLA, KADALAY OR SUNDARA (Cicer arisatum).		MAIZE (Zea Mays).		ARRAR OR THOR CADIAN PEA (Cajanus indicus).		FIREWOOD.		SALT.	
	Present	Past	Present	Past	Present	Past	Present	Past	Present	Past	Present	Past	Present	Past	Present	Past	Present	Past	Present	Past	Present	Past	Present	Past	Present	Past
	fortnightly.	fortnightly.	fortnightly.	fortnightly.	fortnightly.	fortnightly.	fortnightly.	fortnightly.	fortnightly.	fortnightly.	fortnightly.	fortnightly.	fortnightly.	fortnightly.	fortnightly.	fortnightly.	fortnightly.	fortnightly.	fortnightly.	fortnightly.	fortnightly.	fortnightly.	fortnightly.	fortnightly.	fortnightly.	fortnightly.
RAJPUTANA.																										
Jaypore	15 12	15 8	22 8	21 8	5 0	8 12	16 8	17 8	12 4	13 8	15 0	17 0	23 8	120 0	12 0	12 0	12 0	12 0	12 0	12 0	12 0	12 0	12 0	12 0	12 0	12 0
Kishengurh	14 0	13 8	18 12	19 4	9 0	10 0	16 12	15 12	13 12	12 8	13 12	13 0	15 0	19 4	11 0	12 8	15 0	17 0	23 8	120 0	12 0	12 0	12 0	12 0	12 0	12 0
Kerowlee	16 7	16 4	23 2	22 8	11 4	11 14	17 8	16 8	13 8	12 8	13 8	13 0	15 0	19 4	11 0	12 8	15 0	17 0	23 8	120 0	12 0	12 0	12 0	12 0	12 0	12 0
Uwar	18 1	18 0	23 0	22 8	8 0	11 0	21 7	21 8	17 8	17 8	17 8	17 8	15 0	19 4	11 0	12 8	15 0	17 0	23 8	120 0	12 0	12 0	12 0	12 0	12 0	12 0
Bharatpur (City)	15 12	16 2	23 12	23 14	7 12	10 0	15 8	16 0	14 0	14 0	14 0	14 0	15 0	19 4	11 0	12 8	15 0	17 0	23 8	120 0	12 0	12 0	12 0	12 0	12 0	12 0
Ajmere	13 0	13 0	17 8	18 8	3 0	8 0	15 0	16 0	14 0	14 0	14 0	14 0	15 0	19 4	11 0	12 8	15 0	17 0	23 8	120 0	12 0	12 0	12 0	12 0	12 0	12 0
Desli Cantonment	15 10	16 12	21 5	22 5	4 8	9 0	16 10	17 8	15 12	15 12	15 12	15 12	15 0	19 4	11 0	12 8	15 0	17 0	23 8	120 0	12 0	12 0	12 0	12 0	12 0	12 0
Erinpura	13 4	13 4	20 0	20 0	6 8	9 0	20 0	20 0	18 10	18 10	18 10	18 10	15 0	19 4	11 0	12 8	15 0	17 0	23 8	120 0	12 0	12 0	12 0	12 0	12 0	12 0
Sirohee	12 0	12 8	18 0	19 0	6 8	8 0	14 0	14 0	14 0	14 0	14 0	14 0	15 0	19 4	11 0	12 8	15 0	17 0	23 8	120 0	12 0	12 0	12 0	12 0	12 0	12 0
Abu	11 12	11 6	16 0	16 0	6 8	8 0	14 0	14 0	14 0	14 0	14 0	14 0	15 0	19 4	11 0	12 8	15 0	17 0	23 8	120 0	12 0	12 0	12 0	12 0	12 0	12 0
Anadra	9 12	10 8	18 0	19 0	5 0	7 2	12 0	12 0	12 0	12 0	12 0	12 0	15 0	19 4	11 0	12 8	15 0	17 0	23 8	120 0	12 0	12 0	12 0	12 0	12 0	12 0
Balmara	10 6	11 0	22 0	21 0	5 0	9 10	10 10	10 10	9 12	9 12	9 12	9 12	15 0	19 4	11 0	12 8	15 0	17 0	23 8	120 0	12 0	12 0	12 0	12 0	12 0	12 0
Jaypore	15 0	14 0	22 0	21 0	8 15	9 6	12 8	12 8	11 11	11 11	11 11	11 11	15 0	19 4	11 0	12 8	15 0	17 0	23 8	120 0	12 0	12 0	12 0	12 0	12 0	12 0
Hilly Tracts of Meywar	13 8	12 14	18 12	17 9	7 8	12 8	12 8	12 8	13 2	13 2	13 2	13 2	15 0	19 4	11 0	12 8	15 0	17 0	23 8	120 0	12 0	12 0	12 0	12 0	12 0	12 0
Meywar (Oodeypore)	15 0	15 4	17 8	18 12	8 12	11 4	15 10	15 0	14 6	14 11	14 6	14 11	15 0	19 4	11 0	12 8	15 0	17 0	23 8	120 0	12 0	12 0	12 0	12 0	12 0	12 0
Baranagar (Meywar Agency)	12 3	12 5	16 4	16 9	6 4	7 8	15 10	15 0	14 6	14 11	14 6	14 11	15 0	19 4	11 0	12 8	15 0	17 0	23 8	120 0	12 0	12 0	12 0	12 0	12 0	12 0
Parbhargh	10 8	10 10	16 0	16 0	3 2	6 12	17 8	17 8	16 8	16 8	16 8	16 8	15 0	19 4	11 0	12 8	15 0	17 0	23 8	120 0	12 0	12 0	12 0	12 0	12 0	12 0
Bikaner	16 0	16 0	21 8	21 8	10 8	11 0	17 8	17 8	16 8	16 8	16 8	16 8	15 0	19 4	11 0	12 8	15 0	17 0	23 8	120 0	12 0	12 0	12 0	12 0	12 0	12 0
Bundee	14 0	14 0	21 8	21 8	7 8	10 0	15 0	15 0	14 0	14 0	14 0	14 0	15 0	19 4	11 0	12 8	15 0	17 0	23 8	120 0	12 0	12 0	12 0	12 0	12 0	12 0
Kotah	14 0	14 0	21 8	21 8	7 8	10 0	15 0	15 0	14 0	14 0	14 0	14 0	15 0	19 4	11 0	12 8	15 0	17 0	23 8	120 0	12 0	12 0	12 0	12 0	12 0	12 0
Jaipur	13 2	13 8	19 0	19 4	9 0	10 0	15 0	15 0	14 0	14 0	14 0	14 0	15 0	19 4	11 0	12 8	15 0	17 0	23 8	120 0	12 0	12 0	12 0	12 0	12 0	12 0
Shahpura	13 4	13 8	19 0	19 4	9 0	10 0	15 0	15 0	14 0	14 0	14 0	14 0	15 0	19 4	11 0	12 8	15 0	17 0	23 8	120 0	12 0	12 0	12 0	12 0	12 0	12 0
Dhoopar	15 0	16 0	22 12	23 0	11 4	11 4	16 7	16 7	15 12	15 12	15 12	15 12	15 0	19 4	11 0	12 8	15 0	17 0	23 8	120 0	12 0	12 0	12 0	12 0	12 0	12 0
Nusserebad Cantonment	14 4	14 4	22 0	22 0	7 0	8 0	15 4	15 4	14 8	14 8	14 8	14 8	15 0	19 4	11 0	12 8	15 0	17 0	23 8	120 0	12 0	12 0	12 0	12 0	12 0	12 0
CENTRAL INDIA.																										
Indore	13 12	12 12	17 0	17 0	8 8	10 0	14 8	14 8	15 0	15 0	15 0	15 0	17 0	23 8	120 0	12 0	12 0	12 0	12 0	12 0	12 0	12 0	12 0	12 0	12 0	12 0
Gwalior	12 0	12 0	17 0	17 0	7 4	9 1	12 15	12 15	11 12	11 12	11 12	11 12	15 0	19 4	11 0	12 8	15 0	17 0	23 8	120 0	12 0	12 0	12 0	12 0	12 0	12 0
Gonah	16 8	17 0	20 0	20 0	8 0	12 9	13 10	13 10	12 8	12 8	12 8	12 8	15 0	19 4	11 0	12 8	15 0	17 0	23 8	120 0	12 0	12 0	12 0	12 0	12 0	12 0
Bachikhand (Sutra)	20 8	21 0	26 8	27 12	8 0	15 0	15 0	15 0	14 0	14 0	14 0	14 0	15 0	19 4	11 0	12 8	15 0	17 0	23 8	120 0	12 0	12 0	12 0	12 0	12 0	12 0
Neemuch Cantonment	12 8	12 14	18 0	18 9	8 0	10 0	15 3	15 3	14 0	14 0	14 0	14 0	15 0	19 4	11 0	12 8	15 0	17 0	23 8	120 0	12 0	12 0	12 0	12 0	12 0	12 0
BALUCHISTAN.																										
Quetta	12 8	10 14	13 10	14 4	5 0	8 0	17 0	16 12	...	...	...	...	12 0	12 0	12 0	12 0	12 0	12 0	12 0	12 0	12 0	12 0	12 0	12 0	12 0	12 0
ADEN	8 0	8 0	...	...	6 3	8 0	10 3	10 3	9 4	9 4	9 4	9 4	12 0	12 0	12 0	12 0	12 0	12 0	12 0	12 0	12 0	12 0	12 0	12 0	12 0	12 0

* Six pies per bundle.

DEPARTMENT OF FINANCE AND COMMERCE.

RETAIL PRICES FOR THE 1st AND 2nd HALVES OF JUNE 1888.

(See Supplement to the Gazette of India, dated 7th and 29th July 1888.)

District.	QUANTITIES PER RUPEE IN SEKS OF 80 TOLAS.															AVERAGE WAGES PER MONTH.										
	2	3	4	5	6	7	8	9	10	11	12	13	14	15	Able-bodied agricultural labourer.	Syce or horse-keeper.	Common mason, carpenter or blacksmith.									
	WHEAT.	BARLEY.	RICE, BEST SORT.		RICE, COMMON.		JOWAR OR CHOLU (Sorghum vulgare).		BAJRA OR CITRUS (Pennisetum typhoides).		MARUA OR RAOI (Eleusine indica).		KANGRI OR KAKUR, ITALIAN MILLET (Setaria italica).					GRAM, CHENNA, CHOLA, KADLAY OR SUGAR (Cicer arietinum).		MAIZE (Zea Mays).		ANAR OR THIR CADIAN PEA (Cajanus indicus).		FIREWOOD.		SALT.
	Present	Past	Present	Past	Present	Past	Present	Past	Present	Past	Present	Past	Present	Past	Present	Past	Present	Past	Present	Past	Present	Past	Present	Past	Present	Past
1st half of June 1888.																										
N.-W. PROVINCES.																										
Gawal	16 12 17 0	19 0 19 0	7 12 8 8	10 14 11 8											10 8 11 8				8 8 8 8	180 0 80 0	7 8 7 8					
2nd half of June 1888.																										
BOMBAY.																										
Daskrohi																										
Khandesh (Dhulia)																										
HYDERABAD.																										
Secunderabad	12 7 12 7														13 3 13 8				12 3 12 3	115 0 115 0	8 10 8 10					
Holkam	13 8 13 8														14 9 14 9				13 15 13 15	110 0 110 0	9 0 9 0					
Chadarghat	12 0 12 0														14 6 14 6				13 4 13 4	120 0 120 0	9 8 9 8					
RAJPUTANA.																										
Nussersabad Cantonment																										
CENTRAL INDIA.																										
Indore	13 13 13 13	17 0 17 0	8 8 8 8	10 10 10 10	14 14 14 14	15 15 15 15									17 0 17 0				16 0 16 0	120 0 120 0	10 0 10 0					
Gwalior	12 0 12 0	17 3 17 3	7 4 7 4	9 9 9 9	13 13 13 13	14 14 14 14									17 3 17 3				15 15 15 15	100 0 100 0	10 0 10 0					
Guana	17 0 17 0	20 0 20 0	0 0 0 0	9 9 9 9	8 8 8 8	20 20 20 20									21 0 21 0				20 0 20 0	100 0 100 0	10 0 10 0					
Baghelkhand (Sutna)	21 0 21 0	27 12 27 12	8 8 8 8	15 15 15 15	4 4 4 4	8 8 8 8									25 0 25 12				24 8 24 8	160 0 160 0	10 8 10 8					

• Not sold.

E. J. SINKINSON,
Offg. Secretary to the Government of India.

DEPARTMENT OF FINANCE AND COMMERCE,
(Statistical Branch).

GOVERNMENT OF INDIA.
PUBLIC WORKS DEPARTMENT.
Civil Works—Irrigation.

TRAFFIC RETURNS OF THE GANGES AND AGRA CANALS FOR THE HALF-YEAR AND YEAR ENDING 31st MARCH 1888.

Comparative Return of Traffic carried on the Upper and Lower Ganges Canals for the half-years ending 31st March, 1888 and 1887.

	Balance from previous year		For current half-year		Collections during current half-year		Balance uncollected		SAMP. PERIOD OF PREVIOUS YEAR.		NATURE OF CARGO.	CURRENT HALF-YEAR.		COMPARISON IN PERIOD OF PREVIOUS YEAR.		TONNAGE.		VALUE OF PASSENGERS.	
	R	Rs.	R	Rs.	R	Rs.	R	Rs.	D	Rs.		Up.	Down.	Total.	Up.	Down.	Total.	1887.	1888.
TOLLAGE.																			
Private boats	733	5,113	5,501	845	7,684	8,867	345	345	R	R	Grains	174,281	93,453	267,734	124,771	46,522	171,293		
Government boats	...	543	543	...	672	672	...	...	...	...	Cotton	...	29,417	29,417	...	44,053	44,053		
Rolls	...	341	341	...	221	221	...	...	...	...	Oilseeds	414	6,158	6,572	...	999	3,187		
											Salt	1,883	2,769	4,652	3,290	7,018	11,268		
CARRYING OPERATIONS.											Metals	1,912	8,220	10,132	4,846	12,583	16,829		
Boating (Government)	...	845	845	...	1,422	1,422	...	...	...	...	Building materials	17,239	308,194	445,783	508,407	139,083	645,150		
Pines and sundries	...	25	25	...	39	39	...	...	...	...	Miscellaneous goods	4,564	56,032	97,490	97,455	83,328	181,153		
Ground rent	...	561	561	...	473	473	...	...	...	...	Firewood	16,878	154,492	97,490	6,166	3,838	144,486		
Refunds	...	482	482	...	...	...	...	...	...	...	Bamboos	946	75,156	76,102	1,010	41,376	42,416		
											Timber	1,175	47,637	48,812	806	46,082	46,948		
											Miscellaneous timber	1,069	6,524	7,593	31	8,046	8,077		
TOTAL	733	6,949	7,337	345	10,511	11,694	345	345										48,297	2,974,020
Upper Ganges Canal	379	3,960	4,161	178	5,270	5,852	178	178										15,88,741	3,839,963
Lower Ganges Canal	354	2,989	3,176	167	5,241	5,842	167	167										19,35,098	847
TOTAL	733	6,949	7,337	345	10,511	11,694	345	345			TOTAL	376,411	786,582	1,162,993	749,225	565,576	1,314,801		

ALLAHABAD,
The 18th June, 1888.

H. W. CONDUITT,
Asst. Secy. to Govt., N.-W. P. and Oudh, P. W. D.

Comparative Return of Traffic carried on the Agga Canal for the half-years ending 31st March, 1888 and 1887.

	REMARKS.		Collected during current half-year.	Balance uncollected.	LAST PERIOD OF PREVIOUS YEAR.		NATURE OF CARGO.	CURRENT HALF-YEAR.			CORRESPONDING PERIOD OF PREVIOUS YEAR.			TONNAGE.		TON MILEAGE.	VALUE OF GOODS.		NUMBERS OF PASSENGERS.		
					Demands.	Collections.		Up.	Down.	Total.	Up.	Down.	Total.	1888.	1887.		1888.	1887.			
	Balance from previous half-year.	For current half-year.	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22
TOLLAGE.																					
Private Boats	...	2,938	2,938	...	1,936	1,936	Grains	400	268,094	268,494	6,565	72,831	79,396								
Government Boats	...	554	554	...	308	308	Cotton	...	590	590	...	6,474	6,474								
Rafts	Oilseeds	...	470	470	700	1,226	1,926								
	Salt	265	...	265	90	...	90								
	Metals	8	400	408	3,291	291	3,582	18,383	15,106	1,415,247	886,693	643,272	303,116	352	214
CARRYING OPERATIONS.																					
Boating (Government)	...	3,451	3,451	...	3,632	3,632	Building Materials	92,253	45,400	137,653	203,128	14,080	217,208								
Fines	Miscellaneous Goods	8,712	8,717	17,429	5,188	4,997	10,185								
Ground rent	Firewood	65,635	5,747	69,382	57,442	27,081	84,523								
	Bamboos	...	...	...	...	...	...		
	Timber	...	4,910	4,910	...	5,900	5,900								
	Miscellaneous Timber	600	250	350	18	1,950	1,968								
TOTAL	...	6,943	6,943	...	5,876	5,876	TOTAL	165,873	334,578	500,451	276,422	134,830	411,252	...	...	...	...	...	...	...	...

ALLAHABAD,
The 18th June, 1888.

H. W. CONDUITT,
Asst. Secy. to Govt., N.W.P. and Oudh, P. W. D.

Comparative Return of Traffic carried on the Agra Canal for the years ending 31st March, 1883 and 1887.

Comparative return of 1887-88 and 1886-87.																			
	DEMANDS.		Collected during current year.		Balance uncollected.	SAME PERIOD OF PREVIOUS YEAR.		NATURE OF CARGO.	1887-88.			1886-87.			TONNAGE.	TOW MILEAGE.	VALUE OF CARGO.		NUMBER OF PASSENGERS.
	Balance from previous year.	For current year.	3	4		5	Demand.		Collection.	Up.	Down.	Total.	Up.	Down.			Total.	1887-88.		1886-87.	1887-88.	1886-87.
TOLLAGE.																			
Private boats	...	4,173	R	4,173	...	3,953	2,953	Grains	8,825	379,157	Mds.	317,982	Mds.	6,765	202,561	209,326	Mds.	...	...
Government boats	...	703	R	703	...	658	658	Cotton	...	1,882	1,882	...	...	6,642	6,642	6,642	...	...	...
Rafts	1,155	1,155	Oilseeds	200	799	599	...	...	2,408	3,108	3,108	...	...	...
	Salt	265	51	316	...	...	90	90	90	...	...	...
	Metals	608	416	1,024	...	...	15,832	291	15,832	...	...	...
CARRYING OPERATION.								Building materials	191,938	66,275	258,213	...	...	59,890	514,059	514,059	...	...	...
Boating (Government)	...	5,659	R	5,659	...	5,957	6,957	Miscellaneous goods	10,917	10,607	21,524	...	...	20,822	27,560	27,560	...	...	...
Fines and sandries	Firewood	132,990	17,797	149,797	...	...	40,176	120,296	120,296	...	...	...
	Bamboos	...	50	50	...	...	...	...	...	...	...	...
	Timber	...	9,480	9,480	...	...	7,650	7,650	7,650	...	...	...
Ground Rent	Miscellaneous timber.	600	1,210	1,910	...	...	35,425	35,443	35,443	...	...	...
TOTAL	...	80,535	...	10,535	...	11,733	11,733	TOTAL	345,443	417,734	763,177	...	...	564,151	375,855	940,006	...	...	...

H. W. CONDUITT,
Asst. Secy. to Govt., N. W. P. and Oudh, P. W. D.

ALLAHABAD,
The 18th June, 1888.

GOVERNMENT OF INDIA.

REVENUE AND AGRICULTURAL DEPARTMENT.

**Weather Review of India for the week ending 8 a.m. on
Monday, August 6th, 1888.**

The relatively quiet conditions which prevailed over India last week have continued uninterruptedly during the week under review. The monsoon on the West Coast has blown steadily, but with not more than moderate force; and the rain which has accompanied it, though fairly continuous, has in general been light or moderate in amount. On the Bombay and Malabar Coasts the wind has been usually westerly, and with this direction has travelled right across the Peninsula; while on the Sind and Cutch Coasts the wind has been south-westerly, and has penetrated inland into Rajputana, &c.

In the Bay and Northern India conditions have been much less settled than in Western India. Several small shallow depressions have been formed over Bengal, and have passed over the south side of the Gangetic plain along a west-north-west course. The depressions have occasioned the usual cyclonic circulations in their neighbourhood, and heavy showers of rain have accompanied their passage across the country.

In the Punjab showers have alternated with bright, hot weather, and the rainfall has been slighter and the temperature higher than the normal.

On the 30th the barometer was rising generally. The distribution was fairly regular and normal in Southern, Western, and North-Western India, but over the Gangetic plain conditions were unsettled, and small shallow depressions were shown—one near Berhampore, and one near Jhansi. The main low pressure area lay, as is normally the case, over the Indus Valley, and the high pressure area over Malabar, &c. A steady westerly monsoon was blowing across the West Coast and the Central parts of the country, and a south-westerly wind in Sind and Kathiawar. In Northern India the winds were very irregular in direction and feeble in force. The rainfall was fairly general, though in the Peninsula the amounts were small and scattered, and in parts of Orissa, Behar, the Punjab, and Sind there had been none. The heaviest general rainfall was in Burma, Assam, and Lower Bengal. There was no important change in the weather on the 31st. Pressure was rather more uniform over Northern India, but the feeble depressions over Bengal and near Jhansi were still shown. The winds were also very similar to those reported on the 30th. Rainfall has again been light and scattered in Upper India and a large part of the Peninsula. Burma and Lower Bengal continued to receive the heaviest general rain, but Allahabad and Sutna reported 3 inches and 2½ inches respectively.

The Chart of the 1st showed a fairly normal condition of pressure, &c. Readings were lowest in the Indus Valley, from which region an arm of relatively low pressure extended east-south-eastward down the Gangetic plain. Within this arm small centres of depression existed—one lying over Western Bengal, the second over Jhansi. The highest pressures were reported from Malabar. The wind circulation was also about normal, a well marked south-easterly current running

along the foot of the hills. The weather was showery in Upper India, but from Lucknow westward there was but little rain; while in Guzerat, Sind, and the Circars there was little or none. Elsewhere rain was general and fairly heavy. On the 2nd the barometer was falling very generally—slightly in the south, and briskly in the north—and gradients were increasing over the Peninsula. The winds had about the normal force and, except around Jhansi, where there existed a feeble cyclonic circulation, nearly the normal directions. Northern India continued to receive only local showers, but elsewhere rain was general and fairly heavy. On the 3rd the barometer was still falling very generally, and there was little or no alteration in the general distribution. Northern India and Madras reported only scattered showers, generally of small amount; but elsewhere the rainfall, though moderate, was general.

The Chart of the 4th showed that the depression which had been noticed during the previous day or two near Jhansi had almost filled up, and that a new depression was appearing over the head of the Bay. The wind had shifted to north-west at Saugor Island, and was generally variable over Northern India. Over the Peninsula and Central parts of the country a steady monsoon was blowing. Rain had been fairly general, except in the Western Punjab and Sind. On the 5th there was very little change, except that the depression near the head of the Bay had moved westward, and lay between False Point and Saugor Island. The rainfall was generally moderate, and in Upper India was slight and scattered.

The table at the close of the Summary shows that the rainfall of the week has generally been below the average, though in the great majority of districts the defect has not been large. The divisions reporting an excess of rain are Tenasserim, Bengal (Deltaic), Orissa (where rain was much needed), the Punjab (Submontane), Malabar, Madras (South Central), the Konkan, the Central Provinces (East), Guzerat, Central India, Rajputana, and the East Coast (North and South). In the other 34 divisions the rainfall has been defective, but in 14 out of the 34 the defect does not exceed $\frac{1}{2}$ an inch. There are very few instances of heavy rainfall during the past week. In Tenasserim, indeed, the average for the whole division exceeded 2 inches *per diem*, but in other parts of Burma there were no cases of large local falls. In East Bengal and Assam the maximum falls in the districts varied between 3 and 6 inches, and Cherrapunji received only 6·8 inches. In Deltaic Bengal the falls were rather larger, Midnapur reporting 9½ inches; but in Central and North Bengal the maximum falls were also generally between 3 and 6 inches. In Orissa, the Cuttack and Balasore districts received good rain. Chota Nagpur and Behar had fairly continuous but generally light rain. The North-Western Provinces and Oudh had only showers, with no heavy falls; while the Punjab, though it received several heavy showers, had many days with hardly any rain. The West Coast districts had constant but not very heavy rain; and the same was true of most parts of the Deccan. Guzerat, Khandeish, the Berars, and the greater part of the Central Provinces received about an average fall; while Central India and Rajputana had a good deal more than the average. The Madras Presidency, except in the south, where there was an excess, received less than the normal amount.

The final column of the table shows that the seasonal rainfall is still defective over by far the greater part of the country.

		RAINFALL DATA FOR WEEK ENDING 6TH AUGUST, 1888.			RAINFALL DATA FROM 14TH MAY TO 6TH AUGUST, 1888.			
Province.	Division.	Average actual rainfall of division.	Average normal rainfall of division.	Excess or defect, in inches.	Average actual rainfall of season to date.	Average normal rainfall, 14th May to 6th August.	Excess or defect of seasonal rainfall expressed as a per- centage.	
		Inches.	Inches.	Inches.	Inches.	Inches.	Per cent.	
BURMAH	Tenasserim	16.71	10.58	+6.13	130.52	85.55	+53	
	Lower Burma	3.21	5.04	-1.83	45.25	53.13	-15	
	Central do.	3.54	4.17	-0.63	39.22	41.98	-7	
	Upper do.	3.49	?	?	21.89	?	?	
	Arakan	5.08	9.72	-4.64	81.55	116.59	-30	
BENGAL AND ASSAM...	Eastern Bengal	4.06	4.56	-0.50	36.85	47.97	-23	
	Assam (Surma)	4.20	9.38	-5.18	79.94	93.67	-16	
	Do. (Brahmaputra)	1.83	2.61	-0.78	38.82	42.27	-8	
	Deltaic Bengal	4.25	3.40	+0.85	24.70	28.64	-14	
	Central do.	2.58	3.14	-0.56	23.84	27.57	-14	
	North do.	1.70	4.16	-2.46	48.73	55.91	-12	
	Orissa	3.34	3.04	+0.30	15.67	25.77	-39	
	Chota Nagpur	3.36	3.70	-0.34	22.50	26.34	-14	
	Behar (South)	1.75	2.57	-0.82	18.74	21.02	-11	
	Do. (North)	1.04	2.53	-1.49	24.74	24.16	+2	
	NORTH-WESTERN PROVINCES AND OUDH.	North-Western (East).	Provinces	1.67	3.02	-1.35	17.68	18.88	-7
Oudh (South)		...	0.92	2.05	-1.13	19.77	17.76	+11
Do. (North)		...	1.11	2.27	-1.16	21.43	20.13	+5
North-Western (Central).		Provinces	1.75	2.87	-1.12	24.21	15.78	+53
North-Western (West).		Provinces	2.02	2.06	-0.04	13.81	15.69	-12
North-Western (Submontane).		Provinces	1.25	3.03	-1.78	22.09	20.57	+7
PUNJAB	Punjab (South)	...	0.48	0.90	-0.42	4.24	7.36	-44
	Do. (Central)	...	1.22	1.43	-0.21	8.36	12.66	-3
	Do. (Submontane)	...	3.07	1.98	+1.09	14.00	14.48	-3
	Do. (Hill Districts)	...	5.42	6.07	-0.65	27.64	23.81	+16
	Do. (North-West)	...	0.92	1.62	-0.70	4.56	10.41	-56
	Do. (West)	...	0.31	0.72	-0.41	2.33	2.22	+5
BOMBAY AND MAA- BAR COAST DIS- TRICTS (MADRAS).	Malabar	...	6.08	4.95	+1.13	92.69	78.88	+17
	Madras (South Central)	...	1.14	0.84	+0.30	13.12	7.96	+65
	Coorg	...	4.02	7.68	-2.76	71.39	80.54	-11
	Mysore	...	0.83	0.90	-0.07	4.01	11.32	-65
	Konkan	...	8.73	5.35	+3.38	81.92	65.96	+24
	Bombay, Deccan	...	1.08	1.52	-0.44	16.11	17.28	-7
	Hyderabad (North)	...	...	...	...	...	...	...
CENTRAL PROVINCES AND BERARS.	Khandesh	...	0.37	0.68	-0.31	9.20	11.93	-23
	Berars	...	1.25	1.76	-0.51	18.86	18.05	+4
	Central Provinces (West)	...	0.88	2.36	-1.48	20.24	22.62	-11
	Ditto (Central)	...	3.44	3.59	-0.15	22.51	29.67	-24
BOMBAY (NORTH) ...	Ditto (East)	...	2.99	2.73	+0.26	20.39	25.78	-21
	Guzerat	...	1.83	1.78	+0.05	11.53	21.76	-47
	Kathiawar	...	0.54	1.71	-1.17	8.85	10.91	-19
RAJPUTANA AND CEN- TRAL INDIA.	Sind	...	?	0.70	?	?	2.20	?
	Central India (East)	...	4.78	2.92	+1.86	18.93	16.02	+18
	Rajputana (East), India (West).	Central	3.62	1.70	+1.92	9.22	12.15	-24
MADRAS	Rajputana (West)	...	3.11	1.41	+1.70	3.11	6.56	-53
	East Coast (North)	...	0.92	0.91	+0.01	8.48	13.39	-37
	Hyderabad (South)	...	0.39	0.84	-0.45	7.18	11.58	-38
	Madras (Central)	...	0.26	0.47	-0.21	4.75	7.80	-1
	East Coast (Central)	...	0.30	0.64	-0.34	9.17	8.33	+10
	Ditto (South)	...	2.18	0.85	+1.33	6.55	5.05	+14
	Madras (South)	...	0.34	0.45	-0.11	2.34	3.51	-33

W. L. DALLAS,

SIMLA, 6th August, 1888.

for Offg. Meteorological Reporter to the
Government of India.

E. C. BUCK,

Secretary to the Government of India.

GOVERNMENT OF INDIA.

REVENUE AND AGRICULTURAL DEPARTMENT.

Weekly Report on the State of the Season and Prospects of the Crops.

Madras.—*For week ending 4th August, 1888.*—Rainfall good on the West Coast, Madras, Chingleput, North Arcot, and South Arcot; fair in Tanjore, Trichinopoly, and Salem, and slight elsewhere. Crops generally good, but withering in Madura, Salem, Anantapur, and Vizagapatam. Want of rain greatly felt in these districts and parts of Trichinopoly, Coimbatore, and Ganjam. Pasturage very scanty in Madura, and insufficient in Trichinopoly, Tinnevely, North Arcot, and Bellary. Agricultural operations progressing fairly. Prices rising in southern districts, falling or stationary elsewhere. General prospects fair.

Bombay.—*For week ending 8th August, 1888.*—River continues low in Sind. Rain in parts of Karachi and Hyderabad, and throughout the Presidency Proper; but insufficient for sowing in parts of the Deccan and Southern Maharashtra Country and for rice transplantation in Guzerat; also insufficient in Kathiawar and Baroda. Sowing of early crops progressing in parts of Surat, Nasik, Satara, Dharwar, and Baroda, and transplantation in parts of Karachi, Nasik and Thana. Young crops suffering for want of moisture in parts of Karachi, Ahmedabad, Nasik, Poona, Ahmednagar, Sholapur, Bijapur and Dharwar. Rice damaged by excessive rain in parts of Kanara; cotton in parts of Kathiawar, and standing crops in parts of Upper Sind Frontier injured by insects. Fodder scarce in parts of Karachi, Khandesh, Nasik, Sholapur, Belgaum, and Baroda.

Bengal.—*For week ending 7th August, 1888.*—Rainfall has been general all over the Province during the week. In Cuttack and Puri heavy rain fell on the 4th and 5th instant, and prospects have consequently improved. Cultivation of late rice is generally proceeding well, but in places in the Rajshahye Division more rain is wanted. Early rice and jute are being harvested in some districts, and generally reported on as good crops. In Behar *bhadoi* crops are doing well, but have suffered to some extent in Patna, Monghyr and Maldah districts from the rise of the Ganges. Sugarcane promising. Indigo manufacture continues. Considerable rise in the price of rice in Cuttack and Puri during the past fortnight; elsewhere no marked fluctuation reported.

North-Western Provinces and Oudh.—*For week ending 8th August, 1888.*—Rainfall general during week. A break is needed. *Kharif* crops promise well. Sowing and weeding in progress and prospects appear favourable. Markets are well supplied, and prices are on the whole steady. The condition of the agricultural stock is generally satisfactory.

Punjab.—*For week ending 8th July, 1888.*—Rainfall general, except in Mooltan and Peshawar. Prices fluctuating in Delhi, rising in Amritsar, Lahore, Peshawar, and falling in Shahpur; elsewhere stationary. Ploughings for, and sowings of, *kharif* crops are in progress. More rain wanted at Hissar, Sialkot, Shahpur, and Peshawar. Prospects of standing crops reported good in Jullunder, Amritsar, and Lahore, average in Rawalpindi, and promising in Sialkot. No damage done to crops. Pasturage generally sufficient, but scarce in four districts.

Central Provinces.—*For week ending 8th August, 1888.*—Rain general. Weeding in progress. More rain required for rice in Seoni and Nagpur. Cotton and *jowari* thriving. Prospects generally favourable.

Burma.—*For week ending 4th August, 1888.*—In Lower Burma the rainfall was sufficient, except in Thayetmyo. Ploughing and sowing continue. The prospect in Tharrawaddy has improved. Reports have been received from eleven districts in Upper Burma, where the crop prospects have improved, except in the Minbu district, where rain is still urgently wanted. Ploughing and planting are progressing. The price of paddy has risen in Akyab, Rangoon, Henzada, Shwebo, and Lower Chindwin districts, and has fallen in Kyaukse; elsewhere prices are stationary.

Assam.—*For week ending 8th August, 1888.*—Weather seasonable. Rain somewhat wanted in Kamrup. Reaping of early rice nearly over. Transplanting of late rice continues. Prospects of crops generally good.

Mysore and Coorg.—*For week ending 8th August, 1888.*—Some rain in the Civil and Military Station. Rainfall also fair in Bangalore and Shimoga districts. Crops reported to be withering for want of rain in parts of all districts, except Bangalore and Shimoga, and sowing operations retarded in parts of Tumkur and Hassan districts. Outturn of crops in the Mysore district far below the average. Pasturage diminishing in parts. Prices slightly risen in the Mysore district and fallen in the Shimoga district.

Good rain in Coorg during the week. Standing crops in good condition.

Berar and Hyderabad.—*For week ending 8th August, 1888.*—Some rain in Berar during the week. Cotton plants one foot high. Sowing of *kharif* crops completed. Weeding in progress. Agricultural stock in good condition. Fodder and water sufficient. No marked change in prices.

Slight rain in Hyderabad during the week. Agricultural prospects fair. Prices stationary.

Central India.—*For week ending 8th August, 1888.*—Good rainfall during the week, except in parts of Bhopawar. Agricultural operations in progress. Condition of crops and pasturage improved in Nee much. No change in prices.

Rajputana.—*For week ending 8th August, 1888.*—More or less heavy rain has fallen in the Province during the week. Agricultural operations satisfactory. Standing crops good. Agricultural stock fair. Pasturage or fodder scarce in some places. Prices steady, but falling at some places.

Nepal.—*For week ending 2nd August, 1888.*—Weather hot. Insufficient rain. Early rice not very hopeful; late or winter rice requires more rain.

E. C. BUCK,

Secretary to the Government of India.

GOVERNMENT OF INDIA.
PUBLIC WORKS DEPARTMENT.
RAILWAY TRAFFIC.

No. XV. OF 1888-89.

APPROXIMATE STATEMENT OF GROSS RECEIPTS AND EXPENSES OF INDIAN RAILWAYS.

N.B.—As regards the figures in column *Total Receipts from 1st April to date*, audited figures have been used as far as possible.

Latest Return received.	RAILWAYS.	Total length open.	RECEIPTS FOR WEEK ENDING 16TH JULY, 1887.		Total length open.	RECEIPTS FOR WEEK ENDING 14TH JULY, 1888.		TOTAL RECEIPTS FROM 1ST APRIL TO 16TH JULY, 1887.		TOTAL RECEIPTS FROM 1ST APRIL TO 14TH JULY, 1888.		Total increase in 1888-89.
			Total.	Per mile open.		Total.	Per mile open.	Total.	Per mile open per week.	Total.	Per mile open per week.	
	<i>State Lines worked by Companies.</i>		<i>Rs.</i>	<i>Rs.</i>		<i>Rs.</i>	<i>Rs.</i>	<i>Rs.</i>	<i>Rs.</i>	<i>Rs.</i>	<i>Rs.</i>	
28th July, 1888	East Indian	1,519	7,14,740	471	1,514	6,67,018	441	1,41,37,693	620	1,32,68,252	584	...
28th ditto	Rajputana-Malwa (a)	1,604	1,83,680	112	1,604	2,08,000	179	53,45,413	210	57,86,114	232	4,40,701
28th ditto	Sindia	75	6,719	90	75	6,322	91	1,26,095	116	1,10,608	107	...
28th ditto	Patna-Gya	57	7,478	131	57	6,464	113	1,37,057	160	1,28,735	150	...
28th ditto	Bengal-Nagpur (b)	186	8,289	45	186	18,787	101	5,33,603	188	5,52,702	168	19,139
28th ditto	Dildarnagar-Ghazipur	12	666	55	12	710	60	10,210	90	17,260	60	1,050
28th ditto	Mysore	140	9,145	65	140	9,868	70	1,40,331	70	1,55,379	74	5,048
28th ditto	Southern Mahratta (c)	765	58,053	76	850	69,350	82	9,50,495	88	12,23,597	96	2,64,102
14th ditto	Indian Midland	42	1,590	38	136	10,198	75	51,271	81	2,55,112	125	2,03,121
21st ditto	Cuddapah-Nellore	...	...	...	...	3,585	43	...	...	72,932	58	72,932
21st ditto	Bareilly-Pilibhoet	36	1,142	32	30	1,290	30	29,467	55	24,925	46	...
21st ditto	Lucknow-Sitapur-Sirraua	85	2,961	35	105	4,025	38	63,694	52	81,241	54	17,547
	TOTAL	4,581	9,96,761	218	4,952	10,96,966	226	2,15,54,749	312	2,16,85,103	298	1,30,854
	<i>State Lines worked by Government.</i>											
28th July, 1888	North-Western (d)	2,094	3,33,079	159	2,411	4,09,682	170	64,02,171	200	72,87,224	202	8,85,053
21st ditto	Wardha Coal	45	8,774	195	45	12,387	275	2,27,039	346	2,22,808	339	...
21st ditto	Bengal Central	125	10,378	83	125	9,741	78	2,01,197	107	1,79,731	96	...
21st ditto	Eastern Bengal Railways (e)	645	1,25,718	195	672	1,34,499	197	21,29,124	220	21,77,141	215	48,017
28th ditto	Nalhati	27	1,708	63	27	1,405	61	27,459	67	28,266	60	747
28th ditto	Tirhoot	249	24,401	98	259	27,131	105	5,17,324	130	5,35,443	138	18,119
21st ditto	Burma	333	44,736	134	302	46,780	110	9,06,674	182	9,21,028	163	14,354
21st ditto	Johat	26	1,117	43	25	945	37	14,209	32	15,811	37	1,521
30th June, 1888	Cherra-Companyganj	...	...	...	...	(f)	...	(g) 596	7	(h) 1,140	12	544
	TOTAL	3,544	5,49,911	135	3,956	6,41,939	162	1,04,36,774	193	1,13,08,592	192	9,31,818
	<i>Lines worked by Guaranteed Companies.</i>											
21st July, 1888	Madras	831	1,56,364	188	842	1,60,186	100	25,97,958	107	24,43,539	193	...
21st ditto	South Indian	654	1,01,780	156	654	1,00,813	154	15,78,001	138	16,49,176	168	71,175
21st ditto	Great Indian Peninsula	1,497	3,54,085	237	1,497	4,73,696	317	1,47,32,422	342	1,46,97,553	348	...
28th ditto	Bombay, Baroda and Central India	461	1,11,985	243	461	1,40,000	323	45,32,691	657	41,35,293	598	49,745
21st ditto	Oudh and Rohilkhand	686	88,130	128	693	1,03,963	156	21,54,120	209	22,38,179	215	84,059
	TOTAL	4,129	8,12,344	197	4,147	9,87,338	438	2,56,05,262	400	2,50,73,740	403	5,31,150
GRAND TOTAL (GUARANTEED AND STATE)			12,254	23,59,018	193	12,961	27,25,363	575,96,285	309	5,81,27,435	299	5,31,150
GROSS ESTIMATED EXPENSES			...	...	...	...	...	2,67,51,710	143	2,72,32,057	140	...
NET RECEIPTS			...	...	...	...	...	3,08,44,575	156	3,08,95,378	159	30,803
	<i>Assisted Companies.</i>											
21st July, 1888	Bengal and North-Western	376	29,046	77	376	40,530	108	7,35,775	128	8,57,749	152	1,21,974
28th ditto	Tarakeshwar	22	3,850	173	22	5,212	264	88,698	266	94,437	283	5,739
21st ditto	Rohilkhand-Kumaon	67	5,137	77	67	6,873	103	1,07,877	107	1,11,122	111	3,245
14th ditto	Dibru-Sadiya	78	7,635	98	78	9,117	117	1,30,196	109	1,26,977	109	...
	TOTAL	543	45,668	84	543	61,732	114	10,62,546	128	11,90,285	146	1,27,739
	<i>Native States.</i>											
21st July, 1888	The Nizam's (Guaranteed Company)	208	23,318	112	277	23,957	86	4,83,378	152	4,48,710	168	...
28th ditto	The Gaekwar's	59	1,315	22	59	1,610	27	54,523	60	47,352	54	...
28th ditto	The Gaekwar's Mahana-Vadnagar	21	631	30	21	650	31	11,798	37	16,034	51	4,236
21st ditto	Bhavnagar-Gondal	193	11,741	61	193	13,508	70	8,88,029	132	3,41,883	118	...
21st ditto	Morvi	68	1,633	24	68	2,543	37	55,030	54	65,608	64	10,662
28th ditto	Jodhpore	124	4,482	36	124	7,400	66	1,16,895	59	1,20,614	65	9,719
	TOTAL	673	43,120	64	742	49,668	67	11,03,689	107	10,40,293	93	63,403

(a) Includes the Cawnpore-Achnera State Railway.

(b) Includes the Katni-Umaria State Railway.

(c) Includes the Bellary-Kistna State Railway.

(d) Includes the Amritsar-Pathankot and Rajpura-Patidla State Railways.

(e) Includes the Northern Bengal, Dacca, Kavinia-Dharila and Assam-Belga State Railways.

(f) Return not received.

(g) Total receipts from 1st April to 2nd July, 1887.

(h) Total receipts from 1st April to 30th June, 1888.

SIMLA, 9th August, 1888.

M. C. BRACKENBURY, Major, R.E.,

Under-Secretary.



SUPPLEMENT TO
The Gazette of India.

No. 33.} CALCUTTA, SATURDAY, AUGUST 18, 1888.

OFFICIAL PAPERS.

A SUPPLEMENT to the GAZETTE OF INDIA will be published from time to time, containing such Official Papers and information as the Government of India may deem to be of interest to the Public, and such as may usefully be made known. The Debates of the Legislative Council of His Excellency the Governor General will in future be published in PART VI of the GAZETTE.

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No Official Orders or Notifications, the Publication of which in the GAZETTE OF INDIA is required by Law, or which it has been customary to publish in the CALCUTTA GAZETTE, will be included in the SUPPLEMENT. For such Orders and Notifications the body of the GAZETTE must be looked to.

GOVERNMENT OF INDIA,
DEPARTMENT OF FINANCE AND COMMERCE.

RETAIL PRICES FOR THE 1ST HALF OF JULY 1888.

(See Supplement to the Gazette of India, dated 11th August 1888.)

		2	3	4	5	6	7	8	9	10	11	12	13	14																									
QUANTITIES PER RUPEE IN SERS OF 80 TOLAS.																																							
DISTRICT.	WHEAT.		BARLEY.		RICE, BEST SORT.		RICE, COMMON.		JOWAR OR CHOLU (<i>Sorghum vulgare</i>).		BAJRA OR CUMBU (<i>Pennisetum typhoides</i>).		MARUA OR RAGI (<i>Eleusine indica</i>).		KANGNI OR KAKUN, ITALIAN MILLET (<i>Scleria italica</i>).		GRAM, CHENNA, CHOLA, KADLAY OR SURAGA (<i>Cicer arietinum</i>).		MAIZE (<i>Zea Mays</i>).		ARHAR OR TUR CHOLAN PEA (<i>Cajanus indicus</i>).		FIREWOOD.		SALT.														
	Present	Past	Present	Past	Present	Past	Present	Past	Present	Past	Present	Past	Present	Past	Present	Past	Present	Past	Present	Past	Present	Past	Present	Past	Present	Past													
HYDERABAD.															S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.
Secunderabad	12 11	12 7	...	...	6 13	6 13	10 8	10 8	19 7	19 7	21 7	21 7	23 0	23 0	...	...	13 3	13 3	...	...	12 3	12 3	115 0	115 0	8 10	8 10							
Bilaram	13 8	13 8	...	...	7 0	7 0	10 4	10 4	20 3	20 3	22 0	22 0	...	...	...	...	14 0	14 0	...	...	...	...	116 14	116 14	9 0	9 0			
Chadarghat	12 0	12 0	...	...	7 8	7 8	11 0	11 0	20 8	20 8	22 0	22 0	...	...	...	...	13 0	14 0	...	...	13 4	13 4	120 0	120 0	9 8	9 8					
MYSORE.															S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	
Bangalore	10 8	10 8	11 0	11 0	10 8	10 8	11 8	11 8	24 0	24 0	...	...	34 0	36 0	...	...	13 8	12 8	...	...	16 8	16 8	96 0	96 0	...	...											
Kolar	12 0	12 0	11 0	11 0	13 0	13 0	15 0	15 0	...	...	...	...	42 0	44 0	...	...	13 0	13 0	...	...	20 0	20 0	144 0	144 0	...	...											
Tumkur	11 0	11 0	11 0	11 0	12 0	13 0	14 0	14 0	...	...	...	...	40 0	48 0	...	...	12 0	14 0	...	...	18 0	18 0	340 0	340 0	...	...											
Mysore	10 4	10 4	10 8	10 8	10 8	11 8	12 12	13 12	...	...	24 0	24 0	36 0	37 0	...	...	14 4	14 0	...	...	14 4	14 0	84 0	84 0	...	...											
Hassan	...	...	10 0	10 0	11 0	13 0	16 0	15 0	...	...	...	...	42 0	42 0	...	...	13 0	14 0	...	...	12 0	12 0	96 0	96 0	...	...											
Shimoga	12 10	12 10	...	...	11 0	11 0	15 4	15 4	42 0	42 0	...	...	52 8	51 7	...	...	15 12	14 11	...	...	...	...	480 0	480 0	...	...											
Kadur	10 0	10 0	12 0	12 0	13 0	15 0	17 0	17 0	...	...	...	...	40 0	40 0	...	...	17 0	17 0	...	...	10 0	10 0	320 0	320 0	...	...											
Chitaldroog	12 0	12 0	13 0	13 0	14 0	14 0	15 0	15 0	48 0	48 0	30 0	30 0	55 0	55 0	65 0	60 0	65 0	65 0	...	...	22 0	20 0	320 0	320 0	...	...											

DEPARTMENT OF FINANCE AND COMMERCE,
(Statistical Branch).

E. J. SINKINSON.

GOVERNMENT OF INDIA.
PUBLIC WORKS DEPARTMENT.
Civil Works—Irrigation.

STATEMENTS OF IRRIGATION OPERATIONS ON PERENNIAL CANALS IN THE PUNJAB FOR THE RABI CROP OF 1887-88 AND COMPARATIVE STATEMENT OF IRRIGATION AND RAINFALL ON THOSE CANALS FOR THE YEARS 1886-87 AND 1887-88.

STATEMENT No. 1.

IRRIGATION OPERATIONS OF THE RABI CROP OF 1887-88 ON PERENNIAL CANALS.

Comparative Abstract of Irrigation and Rainfall in Canal Districts of the Punjab.

DISTRICTS.	Area in acres.	3	4		5	6		7	8		9	10	11	December.		January.		February.		March.		Total.
			AREA IRRIGATED.			Increase.	Decrease.		1887.	1886.				1887.	1886.	1887.	1888.	1887.				
			Rabi, 1887-88.	Rabi, 1886-87.															October, 1887.	October, 1886.	November, 1887.		December, 1887.	January, 1888.	February, 1888.	March, 1888.
Umballa	1,644,840	951,890	226	733	507	20,360	507	20,360	0.40	0.22	...	...	...	...	1.01	0.90	...	...	...	...	...	...
Karnal	1,533,990	680,319	13,566	42,034	20,360	37,340	20,360	37,340	0.47	0.24	...	...	...	...	0.28	0.66	...	...	...	...	...	...
Rohilkhand	1,150,350	907,022	7,181	30,530	23,349	18,955	23,349	18,955	0.90	0.90	...	...	...	...	0.35	0.70	...	...	...	...	...	...
Delhi	804,033	52,476	4,855	34,428	18,955	18,955	18,955	18,955	...	1.80	...	...	...	...	0.10	0.50	...	...	...	...	...	...
Hissar	2,205,438	1,161,701	17,345	36,373	28,268	14,069	14,069	14,069	...	0.30	...	...	...	...	...	1.40	0.10	...	...	...	...	...
Jind State	...	...	104	212	18	60	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Bikaner State	...	...	134	194	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Kalsia State	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
TOTAL W. J. CANAL	7,698,589	4,235,668	57,699	182,502	124,803	...	...	124,803	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Gurdaspur	1,168,314	856,210	9,221	5,964	3,257	28,208	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Amritsar	1,006,298	766,723	97,403	60,295	28,208	6,800	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Laohore	2,331,553	1,164,921	159,896	166,696	6,800	6,800	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
TOTAL B. D. CANAL	4,509,664	2,787,924	265,610	241,945	31,465	6,800	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Ludhiana	88,327	728,002	20,305	12,346	7,959	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Ferozepore	1,761,280	1,344,000	163,407	28,324	21,931	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Fardkot State	...	...	50,255	23,324	21,931	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Nahla do.	...	...	2,287	8,172	4,015	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Pavla do.	...	...	20,259	5,591	20,758	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Jind do.	...	...	148	146	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Kalsia do.	...	...	2,154	1,556	618	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
TOTAL SIRHIND CANAL	2,643,447	2,073,009	274,995	175,547	99,358	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Peshawar	1,602,560	905,600	56,693	59,467	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
TOTAL SWAT RIVER CANAL	1,602,560	905,600	56,693	59,467	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
GRAND TOTAL	16,164,221	9,097,201	655,907	639,561	130,923	134,477	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...

LAHORE,
The 6th July, 1888.

F. J. HOME, Lieut.-Colonel, R.E.,
Offs. Joint-Secy. to Genl., Punjab, P. W. D., Irrigation Branch.

Area irrigated in 1887-88 655,907 acres.
Ditto 655,907 " "
Net decrease 3054 "

STATEMENT NO. II.
IRRIGATION OPERATIONS OF THE RABI CROP OF 1887-88 ON PERENNIAL CANALS.
Statement in Acres of Crops Irrigated in Canal Districts.

Description of Crops.	Um- bala.	Karnal.	Rohtak.	Delhi.	Hissar.	Jind State.	Bika- neer State.	Kalsia State.	Gur- daspur.	Amritsar.	Lahore.	Ludhiāna.	Feroze- pore.	Faridkot State.	Nabha State.	Patāla State.	Peshāwar.	Total.
Wheat . .	111	9,892	5,844	3,877	11,541	8,313	96	1,302	6,456	67,736	125,415	13,158	120,371	36,456	8,962	19,430	18,129	457,089
Barley . .	7	261	19	1	227	189	9	49	299	1,060	1,962	215	7,856	2,331	306	902	27,687	43,380
Mixed Grain . .	...	1,703	872	498	3,731	4,461	86	199	119	1,137	1,705	2,640	2,846	470	861	2,265	10,280	33,873
Others . .	108	1,709	446	479	1,846	1,384	3	738	2,347	27,560	30,814	4,292	32,424	10,998	2,158	3,662	597	121,565
Total Rabi 1887-88 .	226	13,565	7,181	4,855	17,345	14,347	194	2,288	9,221	97,493	159,896	20,305	163,497	50,255	12,287	26,259	56,693	655,907
Total Rabi 1886-87 .	733	42,934	39,530	34,428	36,303	28,270	212	1,730	5,964	69,285	166,696	12,346	123,823	28,324	4,015	5,501	59,467	659,561

LAHORE,
The 9th July, 1888.

F. J. HOME, Lieut.-Colonel, R.E.,
Offg. Joint Secy. to Govt., Punjab, P. W. D.,
Irrigation Branch.

STATEMENT NO. III.
IRRIGATION OPERATIONS OF THE RABI CROP OF 1887-88 ON PERENNIAL CANALS.
Statement in Acres of Crops irrigated in Canal Divisions.

DESCRIPTION OF CROPS.	WESTERN JUMNA CANAL.				BARI DOAB CANAL.		SIRHIND CANAL.			Swat River Canal Division.	TOTAL.
	Karnal Division.	Hansi Division.	Delhi Division.	TOTAL.	1st Division.	2nd Division.	Ludhiana Division.	Ferozepore Division.	TOTAL.		
Wheat	3,981	25,739	9,907	39,627	42,586	157,021	45,888	153,838	199,726	18,129	457,089
Barley	75	630	11	716	391	2,930	1,211	10,445	11,656	27,687	43,380
Mixed Grain . . . .	...	10,222	1,128	11,350	891	2,070	9,282	...	9,282	10,280	33,873
Others	1,532	3,491	993	6,006	15,473	45,248	16,912	37,329	54,241	597	121,565
TOTAL RABI, 1887-88	5,578	40,082	12,039	57,699	59,341	207,269	73,293	201,612	274,905	56,693	655,907
TOTAL RABI, 1886-87	12,391	92,241	77,970	182,602	43,182	198,763	25,331	150,216	175,547	59,467	659,561

LAHORE,
The 6th July, 1888.

F. J. HOME, Lieut.-Colonel, R.E.,
Offg. Joint Secy. to Govt., Punjab, P. W. D.,
Irrigation Branch.

IRRIGATION OPERATIONS, 1887-88.
Comparative Statement of Irrigation and Rainfall for the years 1886-87 and 1887-88 in the Districts of the Punjab irrigated by Perennial Canals.

Districts.	AREA IRRIGATED.										RAINFALL.										
	Population.	Area in acres.	Cultivated area in acres.	Kharif, 1887-88.			Rain, 1875-88.			Percentage of increase or decrease in 1887-88.	Percentage of increase or decrease in 1887-88.										
				Total Area.	In comparison with 1886-87.		Total Area.	In comparison with 1886-87.													
					Increase.	Decrease.		Increase.	Decrease.												
WESTERN JUMNA CANAL.																					
Umballa	1,067,263	1,644,849	951,890	(a) 2,117	228	...	...	226	...	507	2,343	...	...	279	...	54 89	53 47	-2 58	...
Karnal	622,621	1,533,990	680,319	(a) 35,087	8,579	...	...	13,565	...	2,23,69	48,652	...	...	20,790	...	24 63	38 73	+57 24	...
Rohtak	553,609	1,159,350	906,022	35,234	9,512	...	...	7,181	...	32,242	42,415	...	...	22,837	...	26 20	24 75	-5 53	...
Delhi	643,515	804,933	525,676	30,209	6,213	...	...	4,855	...	29,573	35,064	...	...	23,360	...	30 40	34 60	+13 81	...
Hissar	504,183	2,265,428	1,161,761	43,618	13,120	...	...	17,345	...	18,958	60,963	...	...	5,838	...	22 60	24 86	+10 00	...
Jhind State	251,231	...	...	32,560	9,232	...	...	14,199	...	14,069	46,759	...	...	4,837	...	19 60	23 86	+21 74	...
Bikaner State	...	...	...	238	...	152	...	194	...	18	432	...	...	170	...	...	...	...	...
Kalsia	...	...	...	1,059	81	...	...	134	...	60	1,193	...	...	21	...	...	...	...	...
TOTAL WESTERN JUMNA CANAL	3,642,422	7,408,550	4,225,668	180,122	46,065	152	...	57,691	...	(b) 124,903	237,821	21	78,111	...	...	...	...	...	...
BARI DOAB CANAL.																					
Gurdaspur	823,695	1,168,314	856,230	20,784	3,136	...	...	9,221	3,257	...	30,005	6,393	...	...	...	27 4	28 4	+36	...
Amritsar	893,266	1,006,768	766,773	76,437	16,017	...	...	97,493	28,208	...	173,930	44,225	...	...	...	25 2	17 7	-29 76	...
Lahore	924,106	2,334,552	1,161,921	(c) 109,634	24,495	...	...	159,896	...	(d) 6,800	269,530	17,695	...	...	...	19 8	14 9	-24 74	...
TOTAL BARI DOAB CANAL	2,641,067	4,509,664	2,787,924	206,855	43,648	...	...	266,610	31,465	6,800	473,465	68,313	...	...	...	...	...	+16 86	...

SIRHIND CANAL.													
Ludhiana	618,835	821,167	729,009	9,627	4,971	...	29,305	7,959	...	29,032	12,930	...	+76.0
Ferozepore	747,329	1,761,280	1,344,000	74,578	45,553	...	163,497	39,674	...	238,075	85,227	...	+55.8
Faridkot State	...	...	...	18,174	12,646	...	50,255	21,931	...	68,429	34,577	...	+102.2
Nabha	...	...	...	4,420	3,795	...	12,287	8,272	...	16,707	12,067	...	+260.0
Patiala	...	...	...	8,216	8,000	...	26,259	20,758	...	34,475	28,758	...	+503.0
Jind	...	...	...	36	36	...	148	146	...	184	182	...	+9,100.0
Kalsia	...	...	...	1,009	1,009	...	2,154	618	...	3,163	1,627	...	+105.9
TOTAL SIRHIND CANAL	1,366,164	2,643,447	2,073,009	116,060	76,010	...	274,995	99,388	...	390,655	175,368	...	81.33
SWAT RIVER CANAL.													
Peshawar	592,674	1,602,560	905,600	39,993	25,087	...	56,693	...	2,774	96,686	22,313	...	+30.00
TOTAL PERENNIAL CANALS	8,242,327	16,164,221	9,992,201	543,030	191,710	152	655,997	130,823	134,477	1,198,937	266,015	78,111	+18.58

(a) The difference of 1 acre in the Umballa District and 105 acres in the Karnal District between the figures for Kharif 1887, as shown in this Statement and in Form No. 1 for that crop, is due to additions subsequently made in the Karnal Division, Western Jumna Canal, after submission of half-yearly statements by the Executive Engineer.

(b) The general decrease in all Districts of the Western Jumna Canal during Rabi 1887-88 is due to heavy rain during the kharif and timely showers during the cold weather.

(c) The difference of 2,394 acres between the area shown in Half-yearly Return, Form No. 1 for Kharif 1887-88, and that shown in this statement is due to the fact that in the former the area of Changa Manga Plantation was shown approximately 512, 6,150 acres, and now the actual area as reported by the Forest Department, viz., 8,544, is shown.

(d) The decrease in the Lahore District during Rabi 1887-88 is entirely due to the shortness of supply.

Area irrigated, 1886-87	1,011,033
" " 1887-88	1,108,937
NET INCREASE	187,904

LAHORE.
The 9th July, 1888.

F. J. HONE, Lieut.-Colonel, R. E.,
Offg. Joint Secy. to Govt., Punjab, P. W. D.,
Irrigation Branch.

GOVERNMENT OF INDIA.
DEPARTMENT OF FINANCE AND COMMERCE.

Comparative Statement of the Net Indian Sea and Land Customs Revenue (excluding Salt Revenue) for the first four months of the official year 1888-89, and of the seventeen preceding years.

(IN THOUSANDS OF RUPEES.)

YEAR.	FOR THE FOUR MONTHS, APRIL TO JULY.																			YEAR.				
	BENGAL.				BOMBAY.				SINDH.				MADRAS.				BURMA.				TOTAL BRITISH INDIA.			
	On Imports of Liquors.	On other Imports.	On Exports.	Total Revenue.	On Imports of Liquors.	On other Imports.	On Exports.	Total Revenue.	On Imports of Liquors.	On other Imports.	On Exports.	Total Revenue.	On Imports of Liquors.	On other Imports.	On Exports.	Total Revenue.	On Imports of Liquors.	On other Imports.	Total Revenue.		On Imports of Liquors.	On other Imports.	Total Revenue.	
1871-72	3.38	21.67	7.18	32.23	2.81	10.10	1.33	14.24	4.1	3.2	4.1	1.14	1.19	3.94	4.94	10.97	4.5	1.36	7.73	9.54	21.99	45.63	6.22	1871-72
1872-73	4.37	31.36	6.97	32.70	1.80	12.99	1.21	16.00	3.9	2.9	8.0	1.48	1.40	4.28	4.00	9.68	1.13	1.67	14.56	17.36	27.54	49.68	77.22	1872-73
1873-74	3.63	20.85	5.26	29.74	2.15	11.54	1.26	14.95	4.2	2.1	3.6	99	1.33	4.59	4.93	10.84	1.20	1.55	12.41	15.16	24.22	47.46	71.68	1873-74
1874-75	4.04	24.63	4.40	33.07	2.19	12.28	1.34	15.81	4.3	1.6	3.9	98	1.17	4.89	4.56	10.62	1.48	2.35	8.57	12.40	19.26	53.62	72.88	1874-75
1875-76	3.88	27.24	5.90	37.02	2.41	13.70	3.25	19.36	4.4	3.1	8.0	1.53	1.40	5.07	5.25	11.81	1.23	1.45	15.72	18.40	30.92	57.22	88.14	1875-76
1876-77	4.32	20.34	3.64	28.30	2.76	10.94	4.5	14.15	4.1	1.8	8	67	1.02	4.20	3.10	9.22	1.65	1.74	10.62	14.01	17.89	48.46	66.35	1876-77
1877-78	5.14	25.71	3.72	34.57	3.13	13.21	4.8	16.82	7.5	2.5	14	1.14	1.27	2.32	6.9	4.86	1.81	1.94	8.87	12.62	13.84	56.17	70.01	1877-78
1878-79	4.51	21.99	4.61	39.21	2.88	12.57	7.0	16.15	6.3	14	9	86	2.00	3.47	1.52	6.99	2.68	2.36	10.99	16.03	17.91	52.33	70.24	1878-79
1879-80	3.95	19.59	2.76	26.30	3.03	10.36	7.3	14.12	1.00	29	7	136	1.73	2.78	1.74	6.25	2.59	1.84	14.45	18.68	16.75	46.96	66.71	1879-80
1880-81	4.46	17.54	3.01	25.01	2.90	13.71	6.3	17.24	1.50	34	9	193	1.76	3.43	2.54	8.53	2.37	2.37	14.38	18.42	37.28	49.69	71.13	1880-81
1881-82	4.66	17.46	4.62	26.74	3.36	13.30	6.0	17.46	1.37	50	12	199	1.76	3.43	2.54	8.53	2.34	2.35	16.77	21.46	37.04	50.73	75.38	1881-82
1882-83	4.03	...	4.90	9.83	3.64	—88	5.1	3.27	1.17	2	20	139	1.79	...	1.39	7.73	2.98	3	22.75	25.76	14.51	—83	43.43	1882-83
1883-84	4.84	3	6.24	13.11	3.66	16	4.0	4.22	1.26	1	16	143	1.76	2	2.00	3.78	2.83	7	17.07	19.97	14.35	14.64	40.51	1883-84
1884-85	4.15	12	3.45	7.72	3.47	16	6.2	4.25	1.40	2	16	158	1.59	2	2.34	3.95	2.79	3	12.10	14.92	13.40	13.75	32.42	1884-85
1885-86	4.44	7	4.15	8.66	3.97	17	3.1	4.45	1.43	1	27	1	1.63	2	98	2.63	2.18	2	17.89	20.09	13.65	35	37.54	1885-86
1886-87	4.37	9	3.53	8.04	4.08	22	4.6	4.76	1.67	5	34	2.06	2.12	4	1.80	3.96	3.28	2	15.73	19.03	15.52	42	37.85	1886-87
1887-88	3.76	12	4.00	7.88	4.61	16	5.9	5.36	1.76	3	25	2.04	2.98	...	1.29	4.57	3.40	—1	15.84	19.23	16.51	30	39.08	1887-88
1888-89	4.70	1.68	6.25	12.63	4.86	1.21	5.0	6.51	1.64	34	17	2.15	3.35	3.0	1.80	5.45	3.14	3.6	10.65	14.15	17.63	3.89	46.29	1888-89

The amount refunded is greater than the duty collected.

DEPARTMENT OF FINANCE AND COMMERCE,
STATISTICAL BRANCH;
Calcutta, 16th August 1908.

E. J. SINKINSON,
Offr. Secretary to the Government of India.

GOVERNMENT OF INDIA.

REVENUE AND AGRICULTURAL DEPARTMENT.

WEATHER SUMMARY FOR JULY 1888.

During July, in normal years, the rains are established throughout the whole of India. The monsoon currents on both sides of the country blow with their maximum strength, and in Upper India temperature undergoes a rapid fall. July is also remarkable for the large number of small cyclonic storms which form over the Bay. These storms are a common feature of the whole of the south-west monsoon period, but they are usually more numerous in July and August than in the preceding and succeeding months. They usually travel on a west-north-west or north-west course from the Bay into Upper India, and are ordinarily followed by a strong burst of monsoon winds and accompanied by heavy rainfall.

The weather of the past July has in many ways fulfilled these conditions. On the 1st, favourable monsoon conditions prevailed over nearly the whole country, and rain was falling in most places; though in the Punjab, Rajputana, and Central India the falls were somewhat slight and scattered. These conditions continued on the 2nd, except in Bengal, where a slight but distinctly marked depression was formed, and was accompanied with dry north-westerly winds in West Bengal and the east of the North-Western Provinces. Rain had been somewhat heavier in the Punjab, but was still absent from the south of that Province and from Rajputana. On the 3rd the depression from Bengal had reached Benares, and heavy rain was falling in Behar, the North-Western Provinces, and the Central parts of the country. This increase of rain in the lower part of the Gangetic plain was accompanied by a decrease in Upper India. There was very little change on the 4th and 5th. Moderately strong monsoons were blowing on both coasts, and rain was falling generally, except in the Punjab, Western Rajputana, Sind, and Guzerat. The Chart of the 6th showed that the depression which had been advancing up the Gangetic plain had disappeared, and the rainfall, except on the West Coast, had fallen off considerably. Between the 7th and 11th normal monsoon weather prevailed throughout the greater part of India, but the rain-bearing currents did not extend properly into the Punjab, where, though mist and slight rain occurred almost daily on the hills, the weather was hot and dry. On the 12th a small depression was shown off the Ganjam Coast. This depression was accompanied with easterly and north-easterly winds in Bengal, and as a consequence the rainfall over that Province decreased considerably, and only insignificant showers were experienced. On the morning of the 13th the centre of depression was off Orissa, and a well marked cyclonic circulation of the winds was shown in its neighbourhood. The rainfall remained very light in Bengal, but elsewhere it was general and fairly heavy, and had extended into the Eastern Punjab and Rajputana. Between the 13th and 14th the depression passed inland across Gopalgore, and steady monsoon winds were blowing throughout India. Rain was reported from all parts of the country, except the Carnatic, Kattiawar, Sind, and the Western Punjab. By the 15th the depression had reached the Central Provinces and to a considerable extent filled up, but there was no important change in the weather. On the 16th, 17th, and 18th the weather was of the ordinary monsoon type, moderate but general rain prevailing, except in the extreme North-West. On the 19th the Chart showed that another small cyclonic storm was forming—this time on the head of the Bay. A feeble but wellmarked circulation existed around the centre, which lay near Saugor Island, and the rainfall was light over Bengal, but heavy over Orissa. Elsewhere there was no change, and rain was reported as far west as Lahore. On the 20th the centre of the depression lay to the west of Calcutta, and a strong monsoon was blowing up the Bay and across the Bengal Coast. A strong monsoon was also blowing on the West Coast, and rain was very general, except in the Indus Valley, Rajputana, and Madras. By the morning of the 20th the depression had reached Benares and was filling up. Rain was falling in the same regions as on the 20th, the amounts being fairly large in the Central Provinces and on the West Coast. On the 22nd the centre lay near Allahabad. There was no change in the weather, but

the depression was apparently filling up; and on the 23rd it had almost entirely disappeared. With its disappearance the amount of rainfall decreased. On the 24th a small centre of depression was formed near Benares, and during this day exceptionally heavy rain fell at Allahabad. Elsewhere the rainfall was moderate, and none fell over Sind or the greater part of the Punjab and Madras. During the next few days small local depressions continued to be formed over the lower part of the Gangetic plain, and were accompanied with heavy rain; but, perhaps as a consequence of this distribution, the rainfall of the upper part of the plain was slight, and in the Punjab and Sind there was little or none. Madras also had very little rain. Just at the close of the month rain extended over the greater part of the Punjab, but not in large amounts.

The concluding table exhibits a deficiency of rainfall at the majority of the meteorological divisions. The North-Western Provinces, Northern Bengal, and the Berars report a considerable, and Behar, Lower Bengal, the Central Provinces, and Lower Burma a slight excess. In all the other divisions a deficiency is reported, though on the whole the defect is not very large.

The following table shows the amount of rain and the difference from the average during the month of July 1888, according to districts, as far as is indicated by the telegraphic reports:

Districts.	Number of stations.	Average rainfall in July.	Difference from the average in July 1888.
Punjab, West	7	6.16	-0.89
" East	4	10.30	-1.60
North-Western Provinces, Trans-Gangetic	9	14.50	+5.76
" " Cis-Gangetic	3	11.76	+4.23
Behar	2	11.48	+1.32
Northern Bengal	2	22.24	+6.81
Assam—Cachar	3	17.19	-1.07
Lower Bengal—Chutia Nagpur	7	14.22	+1.52
Orissa—Northern Circars	6	8.70	-1.06
Central Provinces, South	7	16.58	+0.01
Berar—Khandeish	2	8.32	+3.35
Rajputana, Central India—Saugor and Nerbudda	8	13.41	-0.97
Sind—Cutch	3	2.44	-1.22
Guzerat	3	11.30	-2.19
Konkan	4	23.88	-2.24
Deccan—Hyderabad	5	7.44	-0.22
Malabar	4	35.08	-1.90
Mysore—Bellary	4	3.07	-0.48
Carnatic	6	2.29	-0.19
Lower Burmah	6	27.87	+4.18
Ceylon	2	5.60	-4.68

W. L. DALLAS,

SIMLA, 6th August, 1888.

for Offg. Meteorological Reporter to the
Government of India.

E. C. BUCK,

Secretary to the Government of India

GOVERNMENT OF INDIA.
REVENUE AND AGRICULTURAL DEPARTMENT.

**Weather Review of India for the week ending 8 a.m. on
Monday, August 13th, 1888.**

Relatively quiet conditions have continued to prevail over India during the past week. Rain has been fairly general but not heavy, and the monsoon currents on either coast have blown with not more than the normal force. On the West Coast from Karrachee to Karwar the monsoon, though by no means strong, has been fairly steady, but to the south of Karwar the wind has been light and very variable, its direction on one occasion being from east and south-east. Rain fell continuously in the West Coast districts, but the amounts were not large, seldom much exceeding one inch in any single 24 hours.

On the Bay of Bengal side of India, the weather has been less settled, having been disturbed by a feeble depression which formed between False Point and Saugor Island and passed inland on a westerly course. The depression was very slight, and after passing inland became very diffused. It was followed by a strongish burst of monsoon winds, but the cyclonic circulation around it was in general very feeble.

In the Punjab and Sind the weather has been abnormally fine. On some days no rain whatever fell within the Province, and on others what little rain occurred was in the form of slight and scattered showers. On Tuesday the 7th falls exceeding 4 inches were reported from Delhi and Simla. In consequence temperature has been high over North-Western India, and maxima exceeding 100° have been reported from several stations. The highest reading recorded during the week was 110.5° at Dera Ismail Khan on the 12th.

At 8 A.M. on the 6th, the small depression, the formation of which over the head of the Bay was noticed in last week's summary, had increased considerably in size and passed inland. It covered a region represented by the stations of False Point, Saugor Island, Calcutta and Burdwan, and was apparently moving north-westward. The wind circulation around the centre, though distinctly marked, was very feeble. The heaviest rain connected with this disturbance fell over Orissá. In Lower Bengal the amounts were very small, and in North and West Bengal there was none. The West Coast monsoon was blowing moderately strongly, and rain in small amounts was falling over the greater part of the Peninsula, the central parts of the country, and the North-Western Provinces. Slight rain was reported from the submontane parts of the Punjab, but in general that Province as well as Rajputana and Sind was without rain. There was a fair amount of rain over the Circars, where it was much needed. Temperature had generally fallen, but high maxima were reported from the Punjab and Sind. On the 7th the Chart showed that the depression had become much larger and more diffused. The central area of low pressure extended from Lower Bengal as far west as Raipur, and from Gopalpore as far north as Allahabad. The circulation around it was feeble and irregular. Rain was reported from about the same regions as on the preceding day. The principal feature of the rainfall was the heavy showers at Delhi and in the North-West Himalaya. Temperature had again fallen over a large part of the country. On the 8th there was hardly any change in the distribution of pressure or the winds over India. The large diffused depression still occupied the same position, and light or moderate rain was reported from the greater part of the country except the south of the Punjab and the East Coast. Nowgong (Central India) reported more than 5 inches, but the amounts in the North-West were less than on the previous day. On the 9th there was again very little change, but the rainfall area had contracted, and nothing more than scattered showers were reported from Upper India or from

Madras. On the 10th the barometer had fallen over Northern India and risen over the Peninsula. In consequence the barometric gradient between the south and north had increased, but with this exception there was again very little change in the general distribution of pressure. The wind circulation was also almost unaltered. The Bay branch of the monsoon did not pass into Upper India, and hardly any rain, except on the hills, fell in that region. In Burma rain was fairly heavy, but elsewhere though general the rainfall was on the whole light. The Chart of the 11th showed that the low pressure area, recently noticed over Bengal and the east of the North-West and Central Provinces, was breaking up. There was a good deal of confused air movement within its area, and in Upper India the wind was light and variable. In most other places moderately strong monsoon currents were blowing, but on the South-West Coast an abnormal northerly breeze was reported. Rain was general, except in the North-West, and the amounts were again heavy in Burma. Temperature was rising steadily in the Punjab. On the 12th the low pressure area noticed above was still filling up, but was at the same time moving slowly west-northwestward up the Gangetic plain. There was again much confused air movement within the depression. A moderately strong monsoon current was blowing at the head of the Bay, and elsewhere the wind directions were fairly normal. Rain was again general except in the Punjab, Sind and Madras. At several central stations the falls were heavy.

The concluding table shows that the rainfall of the past week has been heavy over a considerable part of the country, and that, except in a few divisions even where a deficit is reported, the deficiency is not generally large or important. The largest deficiency is in Behar, where there has been hardly any rain compared with the normal average. Eastern, Central and Northern Bengal have also received considerably less than the average amount, though the deficiency is less than in Behar. The deficiency in these regions is due to their position with reference to the depression noticed in the previous part of the summary. During the whole time of the existence of this disturbance, easterly and northerly winds, which at this season of the year do not ordinarily bring heavy rain, prevailed over a large part of Bengal. The south and west of the Punjab had much less than their normal amount of rain. Over the whole of the Peninsula, except the West Coast, less rain than usual fell, and the same is true of Khandeish, the Berars and the west of the Central Provinces. Western Rajputana, Guzerat, Kathiawar and Sind also experienced deficient rainfall. All the other districts received ample rain. Burma, Assam and Orissa report an excess and the North-West and Central Provinces had much more than the normal amount. The West Coast districts had a moderate, and Rajputana (East) and Central India a slight excess. No exceptionally large falls are reported from any part of India during the past week. Cherrapunji had only 15 inches, and in other parts of North-Eastern India and the Eastern Peninsula there were no remarkable falls. In Orissa there was steady and rather heavy rain. In the North-Western Provinces and Oudh the maximum amounts reported varied generally between 4 and 8 inches. In the south of the Punjab, the maximum amounts were very small, but in the central and submontane parts of that Province, good falls, varying between 3 and 6 inches, were reported. In the North-West amounts were smaller, and in the west they were as small as in the south. In Mysore there was no heavy rain, and in the Konkan the maximum amounts were about normal. In the Deccan (except at Banda in the Kolapore district, where 18 inches of rain has fallen) Khandeish, the Berars, and the west of the Central Provinces there were no falls of importance, but in the Central Provinces (central and east) and in Central India there were several large falls. In the east of the Peninsula the rainfall was very light.

The concluding column of the Table shows an excess in the seasonal rainfall at twelve, a deficit at thirty-four, and no departure from the mean at two of the Meteorological divisions. There is hence still considerable and widespread deficiency in the monsoon rainfall of the present season, but except in parts of the Punjab, in Orissa, East Bengal, Mysore, Madras and Guzerat, the deficiency is not usually large.

Province.	Division.	RAINFALL DATA FOR WEEK ENDING 13TH AUGUST, 1888.			RAINFALL DATA FROM 14TH MAY TO 13TH AUGUST, 1888.		
		Average actual rainfall of division.	Average normal rainfall of division.	Excess or defect, in inches.	Average actual rainfall of season to date.	Average normal rainfall, 14th May to 13th August.	Excess or de- fect of (season al) rainfall expressed as a per- centage.
		Inches.	Inches.	Inches.	Inches.	Inches.	Per cent.
BURMAH	Tenasserim	14.28	9.30	+4.98	148.14	94.85	+56
	Lower Burma	4.04	4.87	-0.83	49.29	58.00	-15
	Central do.	5.38	4.34	+1.04	44.59	46.32	-4
	Upper do.	1.20	?	?	25.71	?	?
	Arakan	18.65	9.27	+9.38	100.21	125.86	-20
BENGAL AND ASSAM...	Eastern Bengal	2.64	4.88	-2.24	37.00	52.85	-30
	Assam (Surma)	7.50	6.08	+1.42	87.44	74.75	+17
	Do. (Brahmaputra)	3.62	3.07	+0.55	42.45	45.33	-6
	Deltaic Bengal	2.25	2.86	-0.61	26.05	31.50	-14
	Central do.	1.40	2.53	-1.13	25.83	29.99	-14
	North do.	2.14	5.07	-2.93	50.07	60.08	-16
	Orissa	3.97	2.50	+1.47	19.05	28.27	-31
	Chota Nagpur	1.93	2.00	-0.07	24.49	29.24	-16
	Behar (South)	1.61	2.86	-1.25	20.35	23.88	-15
	Do. (North)	0.85	6.26	-5.41	25.59	27.29	-6
NORTH-WESTERN PROVINCES AND OUDH.	North-Western Provinces (East).	3.54	2.40	+1.14	21.22	21.28	0
	Oudh (South)	4.03	2.28	+1.75	24.48	20.04	+22
	Do. (North)	3.12	2.24	+0.88	24.55	22.40	+10
	North-Western Provinces (Central).	3.47	2.05	+1.42	27.68	17.82	+55
	North-Western Provinces (West).	2.25	1.92	+0.33	16.06	17.61	-9
	North-Western Provinces (Submontane).	2.66	2.41	+0.25	24.77	22.95	+8
PUNJAB	Punjab (South)	0.31	0.87	-0.56	4.55	8.44	-46
	Do. (Central)	2.26	1.22	+1.04	10.29	13.89	-3
	Do. (Submontane)	2.26	2.25	+0.01	15.90	16.70	-4
	Do. (Hill Districts)	5.33	5.04	+0.29	32.96	28.82	+14
	Do. (North-West)	1.89	1.78	+0.11	6.52	12.19	-47
	Do. (West)	0.39	0.66	-0.27	2.72	4.88	-44
BOMBAY AND MALA- BAR COAST DIS- TRICTS (MADRAS).	Malabar	7.15	4.09	+3.06	99.84	82.97	+20
	Madras (South Central)	0.67	0.98	-0.31	13.78	8.94	+54
	Coorg	5.40	5.88	-0.48	76.79	80.42	-11
	Mysore	0.29	1.45	-1.16	4.30	12.77	-50
	Konkan	6.36	4.54	+1.82	88.28	70.50	+25
	Bombay, Deccan	1.04	1.61	-0.57	17.15	18.90	-9
CENTRAL PROVINCES AND BERARS.	Hyderabad (North)	...	...	...	...	...	...
	Khandeish	0.36	0.90	-0.54	9.56	12.83	-25
	Berars	0.70	1.42	-0.72	19.56	19.47	0
	Central Provinces (West)	2.47	1.91	+0.56	22.72	24.53	-7
BOMBAY (NORTH) ...	Ditto (Central)	6.14	2.89	+3.25	28.80	32.57	-12
	Ditto (East)	7.13	3.13	+4.00	27.15	28.91	-6
	Guzerat	0.71	2.32	-1.61	12.24	24.08	-49
RAJPUTANA AND CEN- TRAL INDIA.	Kathiawar	0.47	1.26	-0.79	9.32	12.17	-23
	Sind	?	0.56	?	?	2.76	?
	Central India (East)	5.91	2.14	+3.77	21.08	18.17	+16
	Rajputana (East), Central India (West).	1.97	1.51	+0.46	12.02	13.44	-10
MADRAS	Rajputana (West)	1.20	1.34	-0.14	4.31	7.90	-45
	East Coast (North)	0.85	1.01	-0.16	9.80	14.39	-32
	Hyderabad (South)	1.14	1.26	-0.12	8.32	12.84	-35
	Madras (Central)	0.22	1.39	-1.17	4.97	9.19	-46
	East Coast (Central)	0.76	1.15	-0.39	14.74	9.48	+56
	Ditto (South)	0.10	1.04	-0.94	6.65	6.95	-4
	Madras (South)	0.09	0.26	-0.17	2.42	3.76	-36

W. L. DALLAS,

SIMLA, 13th August, 1888.

for Offg. Meteorological Reporter to the
Government of India.

E. C. BUCK,

Secretary to the Government of India.

B

GOVERNMENT OF INDIA.

REVENUE AND AGRICULTURAL DEPARTMENT.

Weekly Report on the State of the Season and Prospects of the Crops.

Madras.—*For week ending 11th August, 1888.*—Rainfall good on the West Coast and Ganjam, fair in Vizagapatam and Nilgiris, and indifferent elsewhere. Crops generally good, but withering in Madura, Salem, Anantapur, Kurnool, and Tinnevely. Want of rain generally felt in these districts and in parts of Coimbatore, Trichinopoly, Vizagapatam, and Ganjam. Pasture very scanty in Madura and Trichinopoly, and insufficient in Tinnevely, Salem, North Arcot, and Bellary. Agricultural operations progressing fairly. No great fluctuation in prices. General prospects fair, but not so favourable in Madura, Salem, and Anantapur.

Bombay.—*For week ending 15th August, 1888.*—River low in Sind, and want of water felt throughout Karachi and in parts of Upper Sind Frontier. Rain during week throughout Presidency Proper. Total fall insufficient throughout Guzerat, Kathiawar, Khandesh, Ahmednagar, Sholapur, and Bijapur, and in parts of Nasik, Poona, Satara, Belgaum, and Dharwar. Sowing of early crops progressing in parts of Surat, Nasik, Satara, Dharwar, Kathiawar, and Baroda, and transplantation in parts of Thana and Nasik. Young crops withering for want of moisture in parts of Ahmedabad, Kaira, Khandesh, Nasik, Poona, Ahmednagar, Sholapur, Bijapur, Dharwar, Kathiawar, and Baroda. Rice in parts of Kanara, and early *jowari* in parts of Dharwar, damaged by excessive rain; cotton in parts of Kathiawar, and early crops in parts of Dharwar and Upper Sind Frontier, injured by insects. Prospects of late crops in Shikarpur unfavourable. Fodder scarce in parts of Karachi, Hyderabad, Nasik, Khandesh, Kaira, Sholapur, Belgaum, Dharwar, and Kathiawar, and cattle suffering in consequence in the first four districts. Want of water felt in two talukas of Sholapur, and in one of Broach and one of Dharwar.

Bengal.—*For week ending 14th August, 1888.*—Rainfall general, but rather light in several parts of the Provinces. In Orissa copious rain of the week has improved prospects of crops. Transplanting of winter rice well forward, but more rain wanted in parts of the Burdwan, Rajshahye, and Patna Divisions. Autumn rice and jute are being harvested, and are generally good crops; but in Bogra and Maldah autumn rice outturn will be below the average. *Bhadoi* crops and sugarcane are promising. Indigo is being manufactured. In Khoordah rain has fallen, but prices continue dear, and people are in a distressed condition.

North-Western Provinces and Oudh.—*For week ending 15th August, 1888.*—Heavy rain fell during the week throughout the Provinces doing some damage to crops on low lands in the Benares, Allahabad, Cawnpore, Banda, Farukhabad, and Jhansi districts, where a break is needed; elsewhere crops are flourishing and prospects are promising. Supplies are sufficient, and prices steady. The condition of cattle continues good.

Punjab.—*For week ending 15th August, 1888.*—Rain general, except at Lahore. Prices fluctuating in Delhi, rising in Amritsar, Lahore, and Rawalpindi, falling in Shahpur, and stationary elsewhere. Ploughings for and sowings of *kharif* crops in progress. More rain wanted at Hissar, Ferozepur, and Sialkot. *Kharif* crops in nearly all districts reported to be flourishing and in good condition. No damage done to crops. Stock-cattle are reported healthy. Pasture or fodder generally sufficient, but scarce in three districts.

Central Provinces.—*For week ending 15th August, 1888.*—Rainfall sufficient everywhere, except in Nagpur and Bilaspur, where more is required, for rice. Heavy rain has slightly damaged rice and cotton in Sambalpur. Condition of crops generally favourable.

Burma.—No report received.

Assam.—*For week ending 15th August, 1888.*—Weather seasonable, but rain wanted in Kamrup. Harvesting of early rice nearly over; transplanting of late rice continues. State and prospects of crops good.

Mysore and Coorg.—*For week ending 15th August, 1888.*—Rainfall good in the Shimoga district, but slight in other parts. Crops generally in good condition, but more rain is much needed in parts of Bangalore, Tumkur, Mysore, and Kolar districts. Sowing operations continue throughout the State.

Good rain in Coorg during the week. Season favourable for standing crops.

Berar and Hyderabad.—*For week ending 15th August, 1888.*—Good rain during the week in Berar. State of crops generally good. Weeding continues. Fodder sufficient. Prices stationary.

There has also been some rain at Hyderabad. Agricultural prospects fair. Prices stationary.

• **Central India.**—*For week ending 15th August, 1888.*—Excessive rain in Bundelkhand, where condition of crops is bad. Break needed in Baghelkhand. No other changes.

Rajputana.—*For week ending 15th August, 1888.*—Rainfall in Jhallawar and Jeypore pretty good; elsewhere light. Agricultural operations satisfactory. Standing crops good. Agricultural stock good. Pasturage or fodder scarce in Meywar. Prices steady, but rising in Meywar and Jhallawar. Cotton crops satisfactory in Jeypore.

Nepal.—*For week ending 9th August, 1888.*—Slight rain almost daily. Harvesting of Indian corn commenced in the valley. Prospect of rice continues fair.

E. C. BUCK,

Secretary to the Government of India.

GOVERNMENT OF INDIA.
PUBLIC WORKS DEPARTMENT.
RAILWAY TRAFFIC.

No. XVI. OF 1888-89.

APPROXIMATE STATEMENT OF GROSS RECEIPTS AND EXPENSES OF INDIAN RAILWAYS.

N.B.—As regards the figures in column *Total Receipts from 1st April to date*, audited figures have been used as far as possible.

Latest Return received.	RAILWAYS.	Total mean length open.	RECEIPTS FOR WEEK ENDING 23RD JULY, 1887.		Total mean length open.	RECEIPTS FOR WEEK ENDING 21ST JULY, 1888.		TOTAL RECEIPTS FROM 1ST APRIL TO 23RD JULY, 1887.		TOTAL RECEIPTS FROM 1ST APRIL TO 21ST JULY, 1888.		Total increase 1888-89.	Total decrease 1888-89.
			Total.	Per mile open.		Total.	Per mile open.	Total.	Per mile open per week.	Total.	Per mile open per week.		
			Rs.	Rs.		Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
<i>State Lines worked by Companies.</i>													
4th August, 1888	East Indian	1,519	7,63,240	502	1,514	7,58,364	501	1,49,00,942	613	1,40,26,616	579	...	8,74,328
28th July, 1888	Rajputana-Malwa (a)	1,664	1,09,207	120	1,664	2,40,000	144	55,44,680	205	60,25,576	236	4,80,896	...
4th August, 1888	Sindia	75	7,449	100	75	7,184	96	1,37,144	115	1,36,852	106	...	10,292
4th ditto	Patna-Gya	57	9,432	165	57	7,137	125	1,47,080	161	1,35,872	148	...	11,217
28th July, 1888	Bengal-Nagpur (b)	186	10,036	54	186	17,550	94	5,43,639	179	5,70,310	192	26,671	...
4th August, 1888	Dildarnagar-Ghazipur	12	816	68	12	764	64	17,026	89	18,030	94	1,004	...
28th July, 1888	Mysore	140	9,439	68	140	10,108	72	1,59,248	70	1,65,437	74	6,189	...
28th ditto	Southern Mahratta (c)	705	56,182	73	850	68,177	80	10,15,816	85	12,91,774	95	2,75,958	...
21st ditto	Indian Midland	42	1,856	44	136	9,041	66	53,847	79	2,64,064	121	2,10,217	...
28th ditto	Cuddapah-Nellore	...	...	...	83	3,530	43	...	...	75,442	57	75,442	...
28th ditto	Bareilly-Pilibhet	36	1,148	32	30	1,491	41	36,615	53	29,505	40	...	4,110
28th ditto	Lucknow-Sitapur-Sihramau	85	2,817	33	105	3,582	34	66,511	51	83,976	50	17,465	...
	TOTAL	4,521	10,61,601	237	4,528	11,20,928	232	2,26,16,557	306	2,28,10,454	293	1,93,897	...
<i>State Lines worked by Government.</i>													
4th August, 1888	North-Western (d)	2,094	3,12,784	149	2,411	4,04,611	168	67,14,955	197	76,91,835	199	9,76,880	...
28th July, 1888	Wardha Coal	45	9,715	217	45	1,39,225	309	2,47,704	338	2,35,737	327	...	11,967
28th ditto	Bengal Central	125	9,805	79	125	9,722	78	2,11,092	106	1,89,555	95	...	21,537
28th ditto	Eastern Bengal Railways (e)	645	1,50,123	233	672	1,42,392	212	22,79,247	321	23,19,125	215	39,878	...
28th ditto	Nalhati	27	1,503	55	27	1,492	55	28,962	66	29,698	68	736	...
28th ditto	Tirhoot	249	30,914	124	259	23,801	92	5,48,238	138	5,59,489	135	11,251	...
21st ditto	Burma	333	44,742	134	392	42,792	109	9,51,416	179	9,94,592	160	13,086	...
21st ditto	Jorhat	26	962	37	25	1,585	63	15,252	33	17,396	38	2,144	...
28th ditto	Cherra-Companiganj	7	18	3	...	(f)	...	661	6	(g) 1,140	10	470	...
	TOTAL	3,551	5,60,706	158	3,956	6,40,320	162	1,09,97,527	199	1,20,68,477	190	10,10,950	...
<i>Lines worked by Guaranteed Companies.</i>													
28th July, 1888	Madras	831	1,47,755	178	842	1,54,151	183	26,55,713	196	25,92,277	192	...	63,436
28th ditto	South Indian	654	94,362	144	654	1,00,670	154	16,72,303	157	17,59,138	167	77,775	...
28th ditto	Great Indian Peninsula	1,497	4,78,342	310	1,497	5,06,621	339	1,52,10,834	622	1,51,84,154	629	...	96,680
28th ditto	Bombay, Baroda and Central India	...	(h)	...	(h)	...	(i) 46,32,697	657	(j) 41,35,293	598	...	4,97,398	...
28th ditto	Oudh and Rohilkhand	686	82,444	120	693	95,844	138	22,36,305	204	23,34,023	211	97,658	...
	TOTAL	3,668	8,02,703	219	3,686	8,57,295	233	2,64,07,966	393	2,59,25,885	391	...	4,82,081
GRAND TOTAL (GUARANTEED AND STATE)													
		11,800	24,25,100	206	12,500	26,24,543	210	6,00,22,050	301	6,07,44,816	303	7,32,766	...
GROSS ESTIMATED EXPENSES													
		...	...	...	...	...	...	2,82,95,520	142	2,89,90,501	140	...	...
NET RECEIPTS													
		...	...	...	...	...	...	3,17,26,521	159	3,17,54,315	153	27,794	...
<i>Assisted Companies.</i>													
21st July, 1888	Bengal and North-Western	376	30,136	80	376	34,470	92	7,65,911	125	8,02,219	148	1,36,308	...
4th August, 1888	Tarakeshwar	22	4,054	182	22	6,409	288	92,752	261	1,00,840	283	8,094	...
28th July, 1888	Rohilkhand-Kumaun	67	4,652	69	67	6,024	90	1,12,520	105	1,17,030	109	4,491	...
14th ditto	Dibru-Sadiya	...	(h)	...	(h)	...	(i) 1,30,196	109	(j) 1,26,977	109	...	3,219	...
	TOTAL	465	38,842	84	465	46,993	101	11,01,388	125	12,37,062	142	1,35,674	...
<i>Native States.</i>													
28th July, 1888	The Nizam's (Guaranteed Company)	308	25,491	123	277	25,164	91	5,08,861	150	4,73,875	107	...	34,994
28th ditto	The Gaekwar's	59	1,434	24	59	1,410	24	55,857	58	48,918	52	...	7,939
28th ditto	The Gaekwar's Meh-sana-Vadnagar	21	565	27	21	500	24	12,363	36	16,599	40	4,146	...
28th ditto	Bhavnagar-Gondal	193	10,833	56	193	11,906	62	3,98,862	127	3,53,791	115	...	45,071
28th ditto	Morvi	68	1,823	27	68	2,455	36	56,859	51	67,778	62	10,919	...
28th ditto	Jodhpore	124	5,995	48	124	5,700	46	1,16,890	58	1,25,884	63	8,924	...
	TOTAL	673	46,141	69	742	47,135	64	11,49,600	105	10,86,755	99	...	63,045

(a) Includes the Cawnpore-Achnera State Railway.

(b) Includes the Katni-Umaria State Railway.

(c) Includes the Bellary-Kistna State Railway.

(d) Includes the Amritsar-Pathankot and Rajpura-Patalla State Railways.

(e) Includes the Northern Bengal, Dacca, Kaunia-Dharila and Assam-Bohar State Railways.

(f) Traffic stopped on account of breach of line.

(g) Total receipts from 1st April to 2nd July, 1888.

(h) Return not received.

(i) Total receipts from 1st April to 16th July, 1887.

(j) Total receipts from 1st April to 14th July, 1888.

SIMLA, 16th August, 1888.

M. C. BRACKENBURY, Major, R.E.,
Under-Secretary.

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SUPPLEMENT TO
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OFFICIAL PAPERS.

A SUPPLEMENT to the GAZETTE OF INDIA will be published from time to time, containing such Official Papers and information as the Government of India may deem to be of interest to the Public, and such as may usefully be known. The Debates of the Legislative Council of His Excellency the Governor General will in future be published in PART VI of the GAZETTE.

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GOVERNMENT OF INDIA.
DEPARTMENT OF FINANCE AND COMMERCE.

RETAIL PRICES FOR THE 2nd HALF OF JUNE 1888.

(See Supplement to the Gazette of India, dated 28th July 1888.)

DISTRICTS.	AVERAGE WAGES PER MONTH.		
	Able-bodied Agricultural labourer.	Sycc or Horse-keeper.	Common Mason, Carpenter or Blacksmith.
MADRAS.			
Ganjam	R 4 11 0	R 6 9 0	R 9 6 0
Viragapatam	4 4 0	4 14 0	11 0 0
Godavari	5 0 0	5 0 0	15 0 0
Kishna	5 10 8	7 10 8	17 13 4
Nellore	5 8 0	6 4 0	17 8 0
Cuddapah	7 8 0	7 8 0	15 0 0
Anantapur	4 0 0	7 8 0	15 0 0
Bellary	5 5 0	7 0 0	15 0 0
Kurnool	4 11 0	4 11 0	20 10 0
Madras	5 0 0	5 8 0	13 9 6
Chingleput	4 8 0	5 0 0	13 11 0
North Arcot	5 3 7	3 9 7	15 11 2
South Arcot	5 6 4	6 3 4	12 11 4
Tanjore	3 9 8	6 12 9	15 0 0
Trichinopoly	4 2 0	6 8 0	12 3 0
Madura	5 4 0	3 8 0	13 8 0
Tinnevely	5 4 0	6 8 0	14 6 0
Coimbatore	5 4 0	6 4 0	16 14 0
Nilgiris	7 8 0	9 0 0	23 0 0
Salem	4 0 0	5 8 0	13 12 0
South Canara	6 14 0	6 12 0	18 12 0
Malabar	6 0 0	6 10 2	13 4 2
SIND.			
Thar & Parkar (Umarkot)	8-0 to 12-0	10 0 0	19-0 to 39-0
BENGAL.			
Eastern Districts.			
Chittagong	8 0 0	8 0 0	9-0 to 11-4
Behar.			
Patna	4-0 to 5-0	4-8 to 5-0	7-8 to 8-0
Shahabad	5 0 0	4-1 to 6-0	6-0 to 7-8

DEPARTMENT OF FINANCE AND COMMERCE,
(Statistical Branch).

E. J. SINKINSON,
Offg. Secretary to the Government of India.

[illegible]

† In common use.
 ‡ In sub-divisions retail prices of salt per rupee are:—Cutwa 10-2 sers, Ranseungu 11 sers, and Cunda 10-8 sers.
 § In sub-divisions retail prices of salt per rupee are:—Nattore 9-12 sers and Nowdurg 9-9 sers.
 ¶ At Hishpore retail price of salt 11-4 sers per rupee.
 * At Raypore Haut retail prices of salt 11-4 sers per rupee.
 † In sub-divisions retail prices of salt 11-4 sers per rupee.
 ‡ In sub-divisions retail prices of salt per rupee are:—Ghatral 11-4 sers, Tumbok 8 sers, and Conai 9 sers.
 § In sub-divisions retail prices of salt per rupee are:—Serampore 11 sers and Jehanabad 10-12 sers.
 ¶ In sub-divisions retail prices of salt per rupee are:—Barasat and Basirhat 9 sers; Diamond Harbour (at Magrahat) 8 sers; Barrackpore 9-2 sers, and Dum-Dum 10 sers.
 † In sub-divisions retail prices of salt per rupee are:—Koochiba, Choudanga and Ranaghat 10 sers and Meherpore 10-8 sers.
 ‡ In sub-divisions retail prices of salt per rupee are:—Sathkira 9-2 sers, and Bagirhat 8 sers.
 § In sub-divisions retail prices of salt per rupee are:—Jharkhan and Magura 9 sers, Namai 7 sers, and Bongong 10 sers.
 ¶ In sub-divisions retail prices of salt per rupee are:—Jhalak and Jansingore 10 sers and Kandi 10-8 sers.

RETAIL PRICES FOR THE 2ND HALF OF JULY 1888—continued.

	1	2	3	4	5	6	7	8	9	10	11	12	13	14												
QUANTITIES PER RUPEE IN SEES OF 80 TOLAS.																										
DISTRICTS.	WHEAT.		BARLEY.		RICE, BEST SORT.		RICE, COMMON.		LOWAR OR CHOLAM (<i>Sorghum vulgare</i>).		BAJRA OR CUMBU (<i>Pennisetum typhoides</i>).		MARJA OR RAGI (<i>Hippocrepis comosa</i>).		KANGHI OR KAKUN, ITYAN MILLET (<i>Scleria italica</i>).		GRAM, CHENNA, CHOLA, KADALAY OR SUNAGA (<i>Cicer arctinum</i>).		MAIZE (<i>Zea Mays</i>).		ARHAR OR THUR CADIAN PEA (<i>Cajanus indicus</i>).		FIREWOOD.		SALT.	
	Present fortnight.	Past fortnight.	Present fortnight.	Past fortnight.	Present fortnight.	Past fortnight.	Present fortnight.	Past fortnight.	Present fortnight.	Past fortnight.	Present fortnight.	Past fortnight.	Present fortnight.	Past fortnight.	Present fortnight.	Past fortnight.	Present fortnight.	Past fortnight.	Present fortnight.	Past fortnight.	Present fortnight.	Past fortnight.	Present fortnight.	Past fortnight.	Present fortnight.	Past fortnight.
BENGAL—continued.																										
Eastern Districts—continued.																										
Tipperah	12 8	12 8	...	...	17 8	17 8	22 0	22 0	...	...	...	...	...	...	...	...	14 4	14 4	...	...	10 0	10 0	...	...	...	...
Chittagong Hill Tracts	...	...	...	...	13 5	13 5	14 8	16 0	...	...	...	...	...	...	...	...	12 0	12 0	...	...	12 0	12 0	...	...	...	...
Hill Tipperah	8 0	8 0	...	...	12 0	12 0	22 0	22 0	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Behar.																										
Patna	19 8	19 8	24 0	24 0	13 8	11 8	19 3	19 3	...	...	...	...	...	...	...	...	25 0	26 0	...	...	27 0	27 0	130 0	130 0	10 0	10 0
Gya	16 8	17 0	21 0	21 0	11 0	18 0	16 0	16 0	...	...	...	...	...	...	...	...	21 0	21 0	...	...	21 8	20 0	180 0	180 0	9 0	9 0
Shahabad	17 0	17 0	22 0	22 0	14 8	14 8	15 8	15 8	...	...	...	...	...	...	...	...	23 0	24 0	...	...	16 0	16 4	140 0	140 0	10 0	10 0
Dorbhunga	16 12	15 0	25 0	25 0	12 0	14 8	19 0	19 0	...	...	...	...	...	...	...	...	21 0	22 0	...	...	24 8	25 0	160 0	160 0	10 0	10 0
Muzaffarpore	16 0	16 0	25 0	25 0	12 0	12 8	16 0	17 8	...	...	...	...	...	...	...	...	21 0	22 0	...	...	27 0	28 0	160 0	160 0	10 0	10 0
Savun	17 0	17 0	22 12	22 12	9 8	9 8	18 12	18 12	...	...	...	...	...	...	...	...	18 0	16 0	...	...	24 4	25 4	160 0	160 0	10 0	10 0
Chumpan	17 0	17 0	27 0	28 0	8 0	9 0	16 0	16 0	...	...	...	...	...	...	...	...	19 0	19 0	...	...	25 0	25 8	160 0	160 0	10 0	10 0
Monghyr	17 14	17 14	22 11	22 11	13 1	13 14	15 12	15 12	...	...	...	...	...	...	...	...	22 11	23 10	...	...	16 12	13 14	164 2	157 12	10 0	10 0
Bhagalpur	17 0	17 0	22 11	22 11	13 14	13 14	16 0	17 0	...	...	...	...	...	...	...	...	16 0	16 0	...	...	24 0	22 11	164 2	157 12	10 0	10 0
Purneah	16 0	18 0	...	...	16 0	13 0	19 0	19 0	...	...	...	...	...	...	...	...	16 0	16 0	...	...	18 0	18 0	120 0	120 0	9 0	9 0
Maidah	18 0	17 0	...	...	13 0	13 0	20 0	20 0	...	...	...	...	...	...	...	...	24 0	26 0	...	...	...	...	140 0	140 0	9 8	9 8
Sonthal Pergunnahs	13 0	13 0	...	...	15 0	10 0	17 0	18 0	...	...	...	...	...	...	...	...	20 0	20 0	...	...	20 0	21 0	200 0	200 0	9 8	10 0
Orissa.																										
Cuttack	15 12	10 8	...	...	10 8	10 8	17 14	19 11	...	...	...	...	...	...	...	...	18 6	18 6	...	...	17 1	15 12	80 0	80 0	8 0	8 0
Pooree	11 13	10 8	...	...	11 13	11 13	18 6	21 0	...	...	...	...	...	...	...	...	15 12	15 12	...	...	13 2	13 2	80 0	80 0	8 0	8 0
Balasore	14 0	15 0	13 0	13 0	13 0	13 0	21 0	21 0	...	...	...	...	...	...	...	...	17 0	16 0	...	...	13 0	12 0	200 0	200 0	9 8	9 8
CHOTA NAGPORE.																										
South-Western Frontier Agency.																										
Hazribagh	13 8	13 8	16 0	16 0	7 0	7 0	13 8	13 8	...	...	...	...	...	...	...	...	16 0	17 0	...	...	16 0	16 0	320 0	320 0	8 0	8 0
Lohardugga	12 8	12 8	...	...	13 0	15 0	16 0	17 0	...	...	...	...	...	...	...	...	16 0	16 0	...	...	19 0	20 0	140 0	140 0	8 0	8 0
Singbhoon.	12 0	12 0	16 0	16 0	12 0	12 0	16 8	16 8	...	...	...	...	...	...	...	...	14 0	14 0	...	...	18 0	18 0	240 0	240 0	6 8	6 8
Manbhoon.	12 4	12 5	...	...	12 0	13 0	14 0	14 0	...	...	...	...	...	...	...	...	16 8	17 0	...	...	19 0	20 0	200 0	200 0	8 0	8 0
ASSAM.																										
Sylhet	15 0	15 0	...	...	13 2	13 2	21 0	19 4	...	...	...	...	...	...	...	...	18 8	18 6	...	...	21 8	11 10	108 0	108 0	10 8	10 8
Cachar	8 12	9 0	...	...	11 8	11 8	20 0	20 0	...	...	...	...	...	...	...	...	16 0	16 0	...	...	11 6	10 12	80 0	80 0	9 12	9 12
Gohāpāra	20 0	20 0	...	...	8 0	8 0	18 0	18 0	...	...	...	...	...	...	...	...	16 0	16 0	...	...	9 0	9 0	160 0	160 0	8 0	8 0
Garo Hills	18 0	18 0	...	...	8 0	8 0	18 0	18 0	...	...	...	...	...	...	...	...	16 0	16 0	...	...	11 4	12 0	160 0	160 0	10 0	10 0
Jaintia Hills	8 0	8 0	...	...	8 0	8 0	18 0	18 0	...	...	...	...	...	...	...	...	16 0	16 0	...	...	11 4	12 0	160 0	160 0	10 0	10 0

RETAIL PRICES FOR THE 2nd HALF OF JULY 1888—continued.

QUANTITIES PER RUPEE IN SERS OF 80 TOLAS.

DISTRICTS.	BARLEY.										RICE, BEST SORT.		RICE, COMMON.		JOWAR OR CHOLAM (Sorghum vulgare).		(BAJRA OR Pennisetum typhoides).		MAIDA OR RAGI (Eleusine indica).		KANGHI OR KANUN, ITALIAN MALET (Setaria italica).		GRAM, CHENNA, KADALAY OR SUNNAG (Cicer arietinum).		MAIZE (Zea Mays).		ARHAR OR TURK CADIAN PEA (Cajanus indicus).		FIREWOOD.		SALT.							
	Present		Past		Present		Past		Present		Past		Present		Past		Present		Past		Present		Past		Present		Past		Present		Past		Present		Past			
	S. Ch.	fortnight.	S. Ch.	fortnight.	S. Ch.	fortnight.	S. Ch.	fortnight.	S. Ch.	fortnight.	S. Ch.	fortnight.	S. Ch.	fortnight.	S. Ch.	fortnight.	S. Ch.	fortnight.	S. Ch.	fortnight.	S. Ch.	fortnight.	S. Ch.	fortnight.	S. Ch.	fortnight.	S. Ch.	fortnight.	S. Ch.	fortnight.	S. Ch.	fortnight.	S. Ch.	fortnight.	S. Ch.	fortnight.		
PUNJAB.																																						
Hissar	16 0	16 0	24 0	24 0	10 0	10 0	20 0	20 0	20 0	20 0	20 0	20 0	20 0	20 0	20 0	20 0	20 0	20 0	20 0	20 0	20 0	20 0	20 0	20 0	20 0	20 0	20 0	20 0	20 0	20 0	20 0	20 0	20 0	20 0	20 0	20 0	20 0	
Rohat	16 0	16 0	24 0	24 0	10 0	10 0	20 0	20 0	20 0	20 0	20 0	20 0	20 0	20 0	20 0	20 0	20 0	20 0	20 0	20 0	20 0	20 0	20 0	20 0	20 0	20 0	20 0	20 0	20 0	20 0	20 0	20 0	20 0	20 0	20 0	20 0	20 0	
Gurgaon	17 0	17 0	24 0	24 0	10 0	10 0	20 0	20 0	20 0	20 0	20 0	20 0	20 0	20 0	20 0	20 0	20 0	20 0	20 0	20 0	20 0	20 0	20 0	20 0	20 0	20 0	20 0	20 0	20 0	20 0	20 0	20 0	20 0	20 0	20 0	20 0	20 0	
Karnal	15 0	15 0	24 0	24 0	10 0	10 0	20 0	20 0	20 0	20 0	20 0	20 0	20 0	20 0	20 0	20 0	20 0	20 0	20 0	20 0	20 0	20 0	20 0	20 0	20 0	20 0	20 0	20 0	20 0	20 0	20 0	20 0	20 0	20 0	20 0	20 0	20 0	
Unnava	17 0	17 0	24 0	24 0	10 0	10 0	20 0	20 0	20 0	20 0	20 0	20 0	20 0	20 0	20 0	20 0	20 0	20 0	20 0	20 0	20 0	20 0	20 0	20 0	20 0	20 0	20 0	20 0	20 0	20 0	20 0	20 0	20 0	20 0	20 0	20 0	20 0	
Simla	12 0	12 0	24 0	24 0	10 0	10 0	20 0	20 0	20 0	20 0	20 0	20 0	20 0	20 0	20 0	20 0	20 0	20 0	20 0	20 0	20 0	20 0	20 0	20 0	20 0	20 0	20 0	20 0	20 0	20 0	20 0	20 0	20 0	20 0	20 0	20 0	20 0	
Kangra	13 0	13 0	24 0	24 0	10 0	10 0	20 0	20 0	20 0	20 0	20 0	20 0	20 0	20 0	20 0	20 0	20 0	20 0	20 0	20 0	20 0	20 0	20 0	20 0	20 0	20 0	20 0	20 0	20 0	20 0	20 0	20 0	20 0	20 0	20 0	20 0	20 0	
Hoshiarpur	19 0	19 0	24 0	24 0	10 0	10 0	20 0	20 0	20 0	20 0	20 0	20 0	20 0	20 0	20 0	20 0	20 0	20 0	20 0	20 0	20 0	20 0	20 0	20 0	20 0	20 0	20 0	20 0	20 0	20 0	20 0	20 0	20 0	20 0	20 0	20 0	20 0	
Pathankot	19 0	19 0	24 0	24 0	10 0	10 0	20 0	20 0	20 0	20 0	20 0	20 0	20 0	20 0	20 0	20 0	20 0	20 0	20 0	20 0	20 0	20 0	20 0	20 0	20 0	20 0	20 0	20 0	20 0	20 0	20 0	20 0	20 0	20 0	20 0	20 0	20 0	
Ludhiana	19 0	19 0	24 0	24 0	10 0	10 0	20 0	20 0	20 0	20 0	20 0	20 0	20 0	20 0	20 0	20 0	20 0	20 0	20 0	20 0	20 0	20 0	20 0	20 0	20 0	20 0	20 0	20 0	20 0	20 0	20 0	20 0	20 0	20 0	20 0	20 0	20 0	
Ferozpur	18 0	18 0	24 0	24 0	10 0	10 0	20 0	20 0	20 0	20 0	20 0	20 0	20 0	20 0	20 0	20 0	20 0	20 0	20 0	20 0	20 0	20 0	20 0	20 0	20 0	20 0	20 0	20 0	20 0	20 0	20 0	20 0	20 0	20 0	20 0	20 0	20 0	
Medan	15 0	15 0	24 0	24 0	10 0	10 0	20 0	20 0	20 0	20 0	20 0	20 0	20 0	20 0	20 0	20 0	20 0	20 0	20 0	20 0	20 0	20 0	20 0	20 0	20 0	20 0	20 0	20 0	20 0	20 0	20 0	20 0	20 0	20 0	20 0	20 0	20 0	
Imphal	18 0	18 0	24 0	24 0	10 0	10 0	20 0	20 0	20 0	20 0	20 0	20 0	20 0	20 0	20 0	20 0	20 0	20 0	20 0	20 0	20 0	20 0	20 0	20 0	20 0	20 0	20 0	20 0	20 0	20 0	20 0	20 0	20 0	20 0	20 0	20 0	20 0	
Montgomery	17 0	17 0	24 0	24 0	10 0	10 0	20 0	20 0	20 0	20 0	20 0	20 0	20 0	20 0	20 0	20 0	20 0	20 0	20 0	20 0	20 0	20 0	20 0	20 0	20 0	20 0	20 0	20 0	20 0	20 0	20 0	20 0	20 0	20 0	20 0	20 0	20 0	
Leh	17 0	17 0	24 0	24 0	10 0	10 0	20 0	20 0	20 0	20 0	20 0	20 0	20 0	20 0	20 0	20 0	20 0	20 0	20 0	20 0	20 0	20 0	20 0	20 0	20 0	20 0	20 0	20 0	20 0	20 0	20 0	20 0	20 0	20 0	20 0	20 0	20 0	
Amritsar	17 0	17 0	24 0	24 0	10 0	10 0	20 0	20 0	20 0	20 0	20 0	20 0	20 0	20 0	20 0	20 0	20 0	20 0	20 0	20 0	20 0	20 0	20 0	20 0	20 0	20 0	20 0	20 0	20 0	20 0	20 0	20 0	20 0	20 0	20 0	20 0	20 0	
Gurdaspur	17 0	17 0	24 0	24 0	10 0	10 0	20 0	20 0	20 0	20 0	20 0	20 0	20 0	20 0	20 0	20 0	20 0	20 0	20 0	20 0	20 0	20 0	20 0	20 0	20 0	20 0	20 0	20 0	20 0	20 0	20 0	20 0	20 0	20 0	20 0	20 0	20 0	20 0
Sialkot	17 0	17 0	24 0	24 0	10 0	10 0	20 0	20 0	20 0	20 0	20 0	20 0	20 0	20 0	20 0	20 0	20 0	20 0	20 0	20 0	20 0	20 0	20 0	20 0	20 0	20 0	20 0	20 0	20 0	20 0	20 0	20 0	20 0	20 0	20 0	20 0	20 0	20 0
Gujrat	18 0	18 0	24 0	24 0	10 0	10 0	20 0	20 0	20 0	20 0	20 0	20 0	20 0	20 0	20 0	20 0	20 0	20 0	20 0	20 0	20 0	20 0	20 0	20 0	20 0	20 0	20 0	20 0	20 0	20 0	20 0	20 0	20 0	20 0	20 0	20 0	20 0	20 0
Shahpur	17 0	17 0	24 0	24 0	10 0	10 0	20 0	20 0	20 0	20 0	20 0	20 0	20 0	20 0	20 0	20 0	20 0	20 0	20 0	20 0	20 0	20 0	20 0	20 0	20 0	20 0	20 0	20 0	20 0	20 0	20 0	20 0	20 0	20 0	20 0	20 0	20 0	20 0
Belum	17 0	17 0	24 0	24 0	10 0	10 0	20 0	20 0	20 0	20 0	20 0	20 0	20 0	20 0	20 0	20 0	20 0	20 0	20 0	20 0	20 0	20 0	20 0	20 0	20 0	20 0	20 0	20 0	20 0	20 0	20 0	20 0	20 0	20 0	20 0	20 0	20 0	20 0
Rawalpindi	17 0	17 0	24 0	24 0	10 0	10 0	20 0	20 0	20 0	20 0	20 0	20 0	20 0	20 0	20 0	20 0	20 0	20 0	20 0	20 0	20 0	20 0	20 0	20 0	20 0	20 0	20 0	20 0	20 0	20 0	20 0	20 0	20 0	20 0	20 0	20 0	20 0	20 0
Hazara	16 0	16 0	24 0	24 0	10 0	10 0	20 0	20 0	20 0	20 0	20 0	20 0	20 0	20 0	20 0	20 0	20 0	20 0	20 0	20 0	20 0	20 0	20 0	20 0	20 0	20 0	20 0	20 0	20 0	20 0	20 0	20 0	20 0	20 0	20 0	20 0	20 0	20 0
Peshawar	14 0	14 0	24 0	24 0	10 0	10 0	20 0	20 0	20 0	20 0	20 0	20 0	20 0	20 0	20 0	20 0	20 0	20 0	20 0	20 0	20 0	20 0	20 0	20 0	20 0	20 0	20 0	20 0	20 0	20 0	20 0	20 0	20 0	20 0	20 0	20 0	20 0	20 0
Kohat	13 0	13 0	24 0	24 0	10 0	10 0	20 0	20 0	20 0	20 0	20 0	20 0	20 0	20 0	20 0	20 0	20 0	20 0	20 0	20 0	20 0	20 0	20 0	20 0	20 0	20 0	20 0	20 0	20 0	20 0	20 0	20 0	20 0	20 0	20 0	20 0	20 0	20 0
Bannu	17 0	17 0	24 0	24 0	10 0	10 0	20 0	20 0	20 0	20 0	20 0	20 0	20 0	20 0	20 0	20 0	20 0	20 0	20 0	20 0	20 0	20 0	20 0	20 0	20 0	20 0	20 0	20 0	20 0	20 0	20 0	20 0	20 0	20 0	20 0	20 0	20 0	20 0
D. I. Khan	17 0	17 0	24 0	24 0	10 0	10 0	20 0	20 0	20 0	20 0	20 0	20 0	20 0	20 0	20 0	20 0	20 0	20 0	20 0	20 0	20 0	20 0	20 0	20 0	20 0	20 0	20 0	20 0	20 0	20 0	20 0	20 0	20 0	20 0	20 0	20 0	20 0	20 0
D. G. Khan	17 0	17 0	24 0	24 0	10 0	10 0	20 0	20 0	20 0	20 0	20 0	20 0	20 0	20 0	20 0	20 0	20 0	20 0	20 0	20 0	20 0	20 0	20 0	20 0	20 0	20 0	20 0	20 0	20 0	20 0	20 0	20 0	20 0	20 0	20 0	20 0	20 0	20 0
Muzaffargarh	17 0	17 0	24 0	24 0	10 0	10 0	20 0	20 0	20 0	20 0	20 0	20 0	20 0	20 0	20 0	20 0	20 0	20 0	20 0	20 0	20 0	20 0	20 0	20 0	20 0	20 0	20 0	20 0	20 0	20 0	20 0	20 0	20 0	20 0	20 0	20 0	20 0	20 0
CENTRAL PROVINCES.																																						

[illegible]

† Firewood is sold by hand-load, cart-load and bullock-load.

100 cubes maize, 13 annas.

RETAIL PRICES FOR THE 2ND HALF OF JULY 1888—concluded.

Districts.	QUANTITIES PER RUPEE IN SERS OF 80 TOLAS.																											
	WHEAT.		BARLEY.		RICE, BEST SORT.		RICE, COMMON.		JOWAR OR CHOLAM (Sorghum vulgare).		BAJRA OR COMBU (Pennisetum typhoides).		MARUA OR RAGI (Eleusine coracana).		KANONI, OR KAKUN ITALIAN MILLET (Setaria italica).		GRAM, CHENNA, CHOLA, KADALAY OR SUNAGA (Cicer arietinum).		MAIZE (Zea Mays).		ARRAR OR THOR CADJAN PEA (Canarus indicus).		FIREWOOD.		SALT.			
	Present fortnight.	Past fortnight.	Present fortnight.	Past fortnight.	Present fortnight.	Past fortnight.	Present fortnight.	Past fortnight.	Present fortnight.	Past fortnight.	Present fortnight.	Past fortnight.	Present fortnight.	Past fortnight.	Present fortnight.	Past fortnight.	Present fortnight.	Past fortnight.	Present fortnight.	Past fortnight.	Present fortnight.	Past fortnight.	Present fortnight.	Past fortnight.	Present fortnight.	Past fortnight.	Present fortnight.	Past fortnight.
RAJPUTANA.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.
	15 0	15 12	20 8	22 8	5 0	5 0	8 8	8 8	16 0	16 8	13 12	12 4	...	...	13 8	13 8	15 8	15 0	20 0	20 0	23 8	23 8	120 0	120 0	12 0	12 0	12 0	12 0
	13 0	14 0	17 0	18 12	9 0	9 0	10 0	10 0	16 12	16 12	13 4	13 12	...	...	10 0	10 0	12 8	12 8	13 0	13 0	26 0	26 0	200 0	200 0	13 0	13 0	10 10	10 10
	15 5	16 7	20 10	23 2	11 4	11 4	11 4	11 4	17 8	17 8	14 6	14 6	...	...	14 8	14 8	16 0	16 0	17 3	17 3	26 11	26 11	200 0	200 0	12 12	12 12	10 10	10 10
	16 14	18 1	22 11	25 3	8 0	8 0	11 0	11 0	16 14	16 14	15 12	15 12	...	...	14 8	14 8	16 0	16 0	17 3	17 3	26 11	26 11	200 0	200 0	12 12	12 12	10 10	10 10
	15 12	15 12	22 10	23 12	7 12	7 12	8 0	8 0	14 14	14 14	13 12	13 12	...	...	11 0	11 0	12 8	12 8	14 0	14 0	23 6	23 6	200 0	200 0	12 12	12 12	10 10	10 10
	12 8	13 0	17 0	17 8	3 0	3 0	8 0	8 0	15 0	15 0	14 12	14 12	...	...	...	...	10 0	10 0	14 0	14 0	...	...	200 0	200 0	12 12	12 12	10 10	10 10
	15 2	15 10	20 5	21 5	4 8	4 8	9 0	9 0	16 0	16 0	15 12	15 12	...	...	...	...	12 8	12 8	14 0	14 0	...	...	200 0	200 0	12 12	12 12	10 10	10 10
	12 8	13 4	17 0	18 0	6 0	6 0	8 0	8 0	14 0	14 0	15 12	15 12	...	...	...	...	12 8	12 8	14 0	14 0	...	...	200 0	200 0	12 12	12 12	10 10	10 10
	12 4	12 12	17 0	18 0	6 0	6 0	8 0	8 0	14 0	14 0	15 12	15 12	...	...	...	...	12 8	12 8	14 0	14 0	...	...	200 0	200 0	12 12	12 12	10 10	10 10
	11 1	11 12	15 12	16 0	6 0	6 0	8 0	8 0	14 0	14 0	15 12	15 12	...	...	...	...	12 8	12 8	14 0	14 0	...	...	200 0	200 0	12 12	12 12	10 10	10 10
	12 0	12 12	17 8	18 0	6 0	6 0	8 0	8 0	14 0	14 0	15 12	15 12	...	...	...	...	12 8	12 8	14 0	14 0	...	...	200 0	200 0	12 12	12 12	10 10	10 10
	12 0	12 12	17 8	18 0	6 0	6 0	8 0	8 0	14 0	14 0	15 12	15 12	...	...	...	...	12 8	12 8	14 0	14 0	...	...	200 0	200 0	12 12	12 12	10 10	10 10
10 0	10 6	18 0	18 0	5 0	5 0	9 12	9 12	11 4	11 4	13 0	13 0	...	...	...	...	12 8	12 8	14 0	14 0	...	...	200 0	200 0	12 12	12 12	10 10	10 10	
15 0	15 6	18 0	18 0	5 0	5 0	9 12	9 12	11 4	11 4	13 0	13 0	...	...	...	...	12 8	12 8	14 0	14 0	...	...	200 0	200 0	12 12	12 12	10 10	10 10	
12 8	12 8	18 0	18 0	5 0	5 0	9 12	9 12	11 4	11 4	13 0	13 0	...	...	...	...	12 8	12 8	14 0	14 0	...	...	200 0	200 0	12 12	12 12	10 10	10 10	
17 8	18 2	20 8	21 8	6 4	6 4	10 0	10 0	16 12	16 12	15 12	15 12	...	...	...	...	12 8	12 8	14 0	14 0	...	...	200 0	200 0	12 12	12 12	10 10	10 10	
14 6	15 0	17 8	18 0	6 4	6 4	10 0	10 0	16 12	16 12	15 12	15 12	...	...	...	...	12 8	12 8	14 0	14 0	...	...	200 0	200 0	12 12	12 12	10 10	10 10	
11 12	12 0	16 4	16 4	6 4	6 4	10 0	10 0	16 12	16 12	15 12	15 12	...	...	...	...	12 8	12 8	14 0	14 0	...	...	200 0	200 0	12 12	12 12	10 10	10 10	
10 4	10 8	16 0	16 0	6 0	6 0	10 0	10 0	16 12	16 12	15 12	15 12	...	...	...	...	12 8	12 8	14 0	14 0	...	...	200 0	200 0	12 12	12 12	10 10	10 10	
15 0	15 6	18 0	18 0	5 0	5 0	9 12	9 12	11 4	11 4	13 0	13 0	...	...	...	...	12 8	12 8	14 0	14 0	...	...	200 0	200 0	12 12	12 12	10 10	10 10	
No return received.	No return received.	No return received.	No return received.	No return received.	No return received.	No return received.	No return received.	No return received.	No return received.	No return received.	No return received.	No return received.	No return received.	No return received.	No return received.	No return received.	No return received.	No return received.	No return received.	No return received.	No return received.	No return received.	No return received.	No return received.	No return received.	No return received.	No return received.	No return received.
Kolah	13 13	14 4	21 0	21 12	9 0	9 0	10 0	10 0	16 12	16 12	15 12	15 12	...	...	...	...	12 8	12 8	14 0	14 0	...	...	200 0	200 0	12 12	12 12	10 10	10 10
Tont	13 38	13 2	18 8	19 0	9 0	9 0	10 0	10 0	16 12	16 12	15 12	15 12	...	...	...	...	12 8	12 8	14 0	14 0	...	...	200 0	200 0	12 12	12 12	10 10	10 10
Dhalla war	15 0	15 4	21 0	21 12	9 0	9 0	10 0	10 0	16 12	16 12	15 12	15 12	...	...	...	...	12 8	12 8	14 0	14 0	...	...	200 0	200 0	12 12	12 12	10 10	10 10
Shahpoora	15 0	15 4	21 0	21 12	9 0	9 0	10 0	10 0	16 12	16 12	15 12	15 12	...	...	...	...	12 8	12 8	14 0	14 0	...	...	200 0	200 0	12 12	12 12	10 10	10 10
Dhoipura	15 0	15 4	21 0	21 12	9 0	9 0	10 0	10 0	16 12	16 12	15 12	15 12	...	...	...	...	12 8	12 8	14 0	14 0	...	...	200 0	200 0	12 12	12 12	10 10	10 10
Nuseerabad Cantonment	14 4	14 4	21 0	21 12	9 0	9 0	10 0	10 0	16 12	16 12	15 12	15 12	...	...	...	...	12 8	12 8	14 0	14 0	...	...	200 0	200 0	12 12	12 12	10 10	10 10
CENTRAL INDIA.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.
	13 12	13 12	16 0	17 0	8 8	8 8	10 0	10 0	15 0	15 0	16 8	16 8	...	...	...	...	12 8	12 8	14 0	14 0	...	...	200 0	200 0	12 12	12 12	10 10	10 10
	12 8	12 8	16 0	17 0	8 8	8 8	10 0	10 0	15 0	15 0	16 8	16 8	...	...	...	...	12 8	12 8	14 0	14 0	...	...	200 0	200 0	12 12	12 12	10 10	10 10
	12 8	12 8	16 0	17 0	8 8	8 8	10 0	10 0	15 0	15 0	16 8	16 8	...	...	...	...	12 8	12 8	14 0	14 0	...	...	200 0	200 0	12 12	12 12	10 10	10 10
	12 8	12 8	16 0	17 0	8 8	8 8	10 0	10 0	15 0	15 0	16 8	16 8	...	...	...	...	12 8	12 8	14 0	14 0	...	...	200 0	200 0	12 12	12 12	10 10	10 10
Indore	13 12	13 12	16 0	17 0	8 8	8 8	10 0	10 0	15 0	15 0	16 8	16 8	...	...	...	...	12 8	12 8	14 0	14 0	...	...	200 0	200 0	12 12	12 12	10 10	10 10
Gwalior	12 8	12 8	16 0	17 0	8 8	8 8	10 0	10 0	15 0	15 0	16 8	16 8	...	...	...	...	12 8	12 8	14 0	14 0	...	...	200 0	200 0	12 12	12 12	10 10	10 10
Gona	12 8	12 8	16 0	17 0	8 8	8 8	10 0	10 0	15 0	15 0	16 8	16 8	...	...	...	...	12 8	12 8	14 0	14 0	...	...	200 0	200 0	12 12	12 12	10 10	10 10
Baghelband (Satna)	12 8	12 8	16 0	17 0	8 8	8 8	10 0	10 0	15 0	15 0	16 8	16 8	...	...	...	...	12 8	12 8	14 0	14 0	...	...	200 0	200 0	12 12	12 12	10 10	10 10
Narmad Cantonment.	12 8	12 8	16 0	17 0	8 8	8 8	10 0	10 0	15 0	15 0	16 8	16 8	...	...	...	...	12 8	12 8	14 0	14 0	...	...	200 0	200 0	12 12	12 12	10 10	10 10
BALUCHISTAN.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.
	11 14	12 8	14 4	13 10	5 0	5 0	8 12	8 0	18 0	17 0	...	...	...	...	...	...	12 0	12 12	12 0	12 0	...	...	64 0	64 0	9 0	9 0	9 0	9 0
Quetta	11 14	12 8	14 4	13 10	5 0	5 0	8 12	8 0	18 0	17 0	...	...	...	...	...	...	12 0	12 12	12 0	12 0	...	...	64 0	64 0	9 0	9 0	9 0	9 0
ADEN	No return received.	No return received.	No return received.	No return received.	No return received.	No return received.	No return received.	No return received.	No return received.	No return received.	No return received.	No return received.	No return received.	No return received.	No return received.	No return received.	No return received.	No return received.	No return received.	No return received.	No return received.	No return received.	No return received.	No return received.	No return received.	No return received.	No return received.	No return received.

Nine pias per bundle.

Six pias per bundle.

DEPARTMENT OF FINANCE AND COMMERCE,
(Statistical Branch).E. J. SINKINSON,
Off. Secretary to the Government of India.

GOVERNMENT OF INDIA.
REVENUE AND AGRICULTURAL DEPARTMENT.

Circular No. 75 *Ex.*
42-2

Extract from the Proceedings of the Government of India in the Revenue and Agricultural Department (Museums and Exhibitions),—dated Simla, the 24th August, 1888.

Read the following—

Letter from the Officiating Resident in Mysore regarding the Agricultural and Industrial Exhibition to be held in Mysore in October 1888.

No. 2440—3508, dated Bangalore, the 17th July 1888.

From—GENERAL SIR H. N. D. PRENDERGAST, Officiating Resident in Mysore,
To—The Secretary to the Government of India, Foreign Department.

I have the honour to forward, for the information of the Government of India, a copy of letter No. 2068—153, dated the 3rd July 1888, from the Mysore Durbar, of the enclosed letter from the Director of Statistics and Agriculture in Mysore, regarding the Agricultural and Industrial Exhibition to be held at Mysore in October 1888.

2. Of the 1,250 copies of Prize Lists and Regulations of the Exhibition received from the Durbar, 500 have been sent to the Governments of Madras and Bombay for circulation. In forwarding the remaining 750 copies, I would invite the Government of India to assist the First Exhibition held in Mysore by circulating the Regulations to other Governments and Native States.

No. 2068—153, dated Bangalore, the 3rd July 1888.

From—R. VIJAYENDRA ROW, Esq., Chief Commissioner,
To—The Assistant to the Resident in Mysore.

I am directed to enclose copy of letter No. 27, dated 23rd June 1888, from the Director of Statistics and Agriculture in Mysore, and copies of Prize Lists and Regulations of the forthcoming Agricultural and Industrial Exhibition; and I am to request the favour of the Resident kindly assisting the Durbar in the manner suggested by Mr. Ricketts.

No. 27, dated Bangalore, the 23rd June 1888.

From—L. RICKETTS, Esq., Director of Statistics and Agriculture,
To—The Chief Secretary to the Dewan of Mysore.

I have the honour to forward 1,250 English copies and 1,000 copies in vernacular of Prize Lists and Regulations of the forthcoming Agricultural and Industrial Exhibition, and to request the favour of your transmitting these copies to the Resident in Mysore for circulation in British India and in Native States.

2. An Agricultural and Industrial Exhibition like the one proposed will not only be of local utility, but will also educate and benefit British subjects and subjects of other Native States, who may attend the Exhibition and exhibit articles. The interests of trade of the countries taking part in the Exhibition will likewise be furthered, while a large attendance will materially contribute to its success.

3. I have the honour to suggest that you will urge the British Resident to enlist the earnest co-operation of the several Administrations in British India and of the Native States, so that all interesting and important natural products and manufactured articles peculiar to each District and Province may be represented at the Exhibition.

NOTIFICATION.

The 26th June 1888.

Exhibits will, on their return from the Exhibition, be carried free of charge but at the owners' risk over the Madras, South Indian, Southern Mahratta, and Mysore State Railways, to the original forwarding station, provided a certificate accompanies the goods, signed by the Secretaries to the Exhibition Committee, stating that the goods were exhibited and have not been sold, and remain the *bona fide* property of the Exhibitor.

(Sd.) J. CAMERON,

(Sd.) S. A. BAPU RAO,

Joint Secretaries.

GENERAL PRIZE LIST

OF THE

Agricultural and Industrial Exhibition to be held at Mysore in October 1888.

No.	Exhibits.	1st Prize.	2nd Prize.	3rd Prize.	Total.
SECTION A.					
LIVE STOCK.					
Class I.—Horses and Ponies.					
1	Horse or gelding bred in Mysore, over four years and not under 14—2 hands ...	50	25	10	85
2	Mare bred in Mysore do. do. ...	50	25	10	85
3	Pony-Stallion, over four years, imported or bred in Mysore and not exceeding fourteen hands ...	50	25	10	85
4	Pony-Stallion, over four years, bred in Mysore do. ...	50	25	10	85
5	Pony-Mare, over three years, imported or bred in Mysore and not exceeding fourteen hands ...	50	25	10	85
6	Pony-Mare, over three years, bred in Mysore do. ...	50	25	10	85
Total Class I ...		...	...	...	510
Class II.—Cattle.					
1	Bull, imported, any breed, over three years old, suitable for getting Dairy stock ...	50	30	...	80
2	Bull, Mysore breed, over three years old, suitable for getting Dairy stock ...	50	30	15	95
3	Bull, any breed, over three years old, suitable for getting Draught cattle ...	50	30	15	95
4	Bull, any breed, under three years old ...	30	20	...	50
5	Bull calf, any breed, under one year old ...	20	10	...	30
6	Cow, imported, any breed, in milk, over three years old, suitable for breeding Dairy stock ...	50	30	...	80
7	Cow, Mysore breed, in milk, over three years old, suitable for breeding Dairy stock ...	50	30	20	100
8	Cow, any breed, in milk, over three years old, suitable for breeding Draught cattle ...	50	30	20	100
9	Heifer, any breed, under three years old ...	30	20	10	60
10	Heifer calf, any breed, under one year ...	20	10	...	30
11	Bull-Buffer, any breed, over three years old ...	30	20	10	60
12	Cow-Buffer, in milk, any breed, over three years old ...	30	20	10	60
13	Bull-Buffer under three years old ...	20	10	...	30
14	Cow-Buffer do. ...	20	10	...	30
15	Pair of Trotting Bullocks for carriage use ...	50	30	15	95
16	Pair of Draught Bullocks, over 48 inches at shoulder ...	50	30	15	95
17	Do. do. under do. do. ...	30	20	10	60
Total Class II ...		...	...	...	1,150

General Prize List—contd.

No.	Exhibits.	1st Prize.	2nd Prize.	3rd Prize.	Total.
<i>Class III.—Sheep and Goats.</i>					
1	Ram, imported, any breed, aged two years or older, fit for breeding wool-producing sheep ...	30	20	10	60
2	Ram, Mysore breed, aged two years or older, fit for breeding wool-producing sheep ...	30	20	10	60
3	Pair of Ewes or Gimmers, imported, any breed, over two years old, fit for breeding purposes ...	30	20	10	60
4	Pair of Ewes or Gimmers, Mysore breed, aged two years or older, fit for breeding purposes ...	30	20	10	60
5	Lamb, over six months old ...	7	5	...	12
6	He-Goat, any breed, suitable for improving the breed of Dairy Goats ...	10	7	5	22
6	She-Goat, any breed, in milk ...	10	7	5	22
Total Class III		...	...	...	296
Grand Total for Section A		...	...	...	1,956
SECTION B.					
VEGETABLE PRODUCTIONS.					
<i>Class I.—Field Produce.</i>					
<i>(a)—Cereals or Grains.</i>					
1	Hot season paddy (Vaisakhi Bhatta) 5 seers by measure	8	5	3	16
2	Cold season paddy (Kartika Bhatta) do ...	8	5	3	16
3	Collection of different varieties of paddy, 2 seers by measure, each kind ...	8	5	3	16
4	Field ragi, 5 seers by measure, each kind ...	8	5	3	16
5	Garden ragi do. ...	8	5	3	16
6	Collection of different varieties of ragi, 2 seers by measure, each kind ...	8	5	3	16
7	Great Millet (Bili jola), 5 seers by measure, each kind	7	4	2	13
8	Do. (Kempu jola), 5 seers by measure, each kind	7	4	2	13
9	Collection of different varieties of jola, 2 seers by measure, each kind ...	7	4	2	13
10	Wheat (Hotte godhi), 5 seers by measure, each kind	8	5	3	16
11	Do. (Javi godhi), do. do. ...	8	5	3	16
12	Italian Millet (Navane), do. do. ...	7	4	2	13
13	Little Millet (Samé), do. do. ...	7	4	2	13
14	Indian corn or maize (Muskinjola), a dozen cobs ...	7	4	2	13
15	Spiked Millet (Sajje), 5 seers by measure ...	7	4	2	13
16	Panicum miliaceum (Baragu), 5 seers by measure ...	7	4	2	13
17	Other varieties of food grains, 2 seers by measure, each	8	5	...	13
Total (a)		...	...	...	245
<i>(b) Pulses.</i>					
1	Dāl (Togari) ... 5 seers by measure	5	3	2	10
2	Horse-gram (Hurali) ... do.	5	3	2	10
3	Bengal-gram (Kadle) ... do.	5	3	2	10
4	Black-gram (Uddu) ... do.	5	3	2	10
5	Green-gram (Hesaru) ... do.	5	3	2	10
6	Peas (Batani) ... do.	5	3	2	10
7	Beans (Avare) ... do.	5	3	2	10
8	Lentil (Karamani) ... do.	5	3	2	10
9	Other edible pulses ... 2 do. of each kind	5	3	2	10
Total (b)		...	...	...	90

One seer by measure = 3 of a Madras measure.

One seer by weight = 24 tolas.

General Prize List—contd.

No.	Exhibits.	1st Prize.	2nd Prize.	3rd Prize.	Total.
<i>(c)—Oil Seeds.</i>					
1	Gingelly-oil seed (Atchellu), 5 seers by measure ...	6	4	2	12
2	Ramtil (Hutchellu) do. ...	6	4	2	12
3	Castor-oil seed (Haralu) do. ...	6	4	2	12
4	Pongamia seed (Honge) do. ...	6	4	2	12
5	Bassia seed (Ippe) do. ...	6	4	2	12
6	Groundnut (Kaddekayi) do. ...	6	4	2	12
7	Safflower seed (Kusumba) do. ...	6	4	2	12
8	Dry cocoanut (Kobri) do. ...	6	4	2	12
9	Cotton seed (Hattibija) do. ...	6	4	2	12
10	Collection of other seeds 2 seers do. of each kind	10	8	6	24
	Total (c) ...	...	...	...	132
	Total Class I ...	...	...	...	467
<i>Class II.—Garden, Plantation and Jungle Produce.</i>					
1	Tamarind ... 10 seers by weight ...	5	3	...	8
2	Gall-nut ... 5 do. ...	5	3	2	10
3	Soapnut ... do. ...	5	3	...	8
4	Sigekayi ... do. ...	5	3	...	8
5	Cocoanut, a bunch, and a dozen of stripped fruits ...	8	5	3	16
6	Arecanut (in bunches) ...	10	7	5	22
7	Sugarcane (Mysore) ... a dozen canes ...	15	10	5	30
8	Sugarcane (imported) ... do. ...	20	10	...	30
9	Betel-leaves ... 500 ...	5	3	2	10
10	Green Ginger ... 5 seers by weight ...	5	3	2	10
11	Potatoes ... 10 do. ...	5	3	2	10
12	Tobacco, cured and raw ... 2½ do., each kind	10	7	5	22
13	Arrowroot tubers ... 10 do. ...	5	3	2	10
14	Tapioca ... 10 do. ...	4	3	2	9
15	Cinchona bark ... 5 do. ...	10	15	...	35
16	Lac, crude ... 5 do. ...	4	3	2	9
	Total Class II ...	...	...	...	247
<i>Class III.—Fibres—Division (a).</i>					
1	Collection of wild silk with cocoons. Silk 1 seer each kind, and cocoons 100 each kind ...	20	10	...	30
2	Silk ... 2 seers by weight ...	20	10	5	35
3	Wool, Mysore ... do. ...	20	10	5	35
4	Wool, imported ... do. ...	20	10	...	30
5	Cotton, Mysore ... do. ...	20	10	5	35
6	Do. imported ... do. ...	20	10	...	30
<i>Division (b).</i>					
7	Flax, ... 5 seers by weight ...	8	6	4	18
8	Sannu hemp or wild hemp (Janapa) ... do. ...	8	6	4	18
9	Jute do. ... do. ...	8	6	4	18
10	Aloe fibre, do. ... do. ...	8	6	4	18
11	Mudder (Yekka) ... do. ...	8	6	4	18
12	Hibiscus Cannabinus ... do. ...	8	6	4	18
13	Cocoanut fibre ... do. ...	8	6	4	18
14	General collection of fibres ... 2 seers do. excluding the above.	20	15	10	45
	Total Class III ...	...	...	...	366

One seer by measure = $\frac{1}{2}$ of a Madras measure.
One seer by weight = 24 tolas.

General Prize List—contd.

No.	Exhibits.				1st Prize.	2nd Prize.	3rd Prize.	Total.
Class IV.—Spices, Condiments, and Substances used in Food, &c.								
1	Chillies	...	2½ seers by weight	...	5	3	2	10
2	Dried ginger	...	10 do.	...	5	3	2	10
3	Pepper,	...	5 do.	...	8	6	4	18
4	Cummin seed	...	5 do.	...	5	3	2	10
5	Fenugreek	...	5 do.	...	5	3	2	10
6	Coriander	...	2 do.	...	5	3	2	10
7	Turmeric	...	10 do.	..	5	3	2	10
8	Garlic	...	10 do.	...	5	3	2	10
9	Onions	...	10 do.	...	5	3	2	10
10	Anise seed	...	5 do.	...	5	3	2	10
11	Onum,	...	2 do.	...	5	3	2	10
12	Mustard seed	...	5 do.	...	5	3	2	10
13	Cardamoms in parchment	...	1 do.	...	10	7	5	22
14	Cinnamon (grown in Mysore)	...	do.	...	5	3	2	10
15	Lichens (Kallu huvu)	...	do.	...	5	3	2	10
16	Betel-nut (prepared arecanut of sorts).	5	do. each sort	...	30	20	10	60
17	Coffee (Mysore)	...	5 seers by weight	...	30	20	...	50
18	Do. (imported)	...	do.	...	30	20	...	50
19	Vanilla	...	1 do.	...	5	3	2	10
20	Collection (other than those named above)	1	do. each kind	...	10	7	5	22
Total Class IV...					...	...	...	362
Class V.—Sugars.								
1	Cane-sugar (Candy)	...	10 seers by weight	...	7	4	3	14
2	Do. (Bura or Table sugar	...	do.	...	7	4	3	14
3	Do. (Rab)	...	do.	...	5	3	2	10
4	Do. (Brown)	...	do.	...	5	3	2	10
5	Do. (Jaggory) in lumps	...	do.	...	5	3	2	10
6	Do. do. in cakes	...	do.	...	5	3	2	10
7	Molasses (frsch)	...	5 seers do.	...	5	3	2	10
8	Date sugar	...	10 " do.	...	7	4	3	14
9	Do. jaggory	...	do.	...	5	3	2	10
10	Palmyra sugar	...	do.	...	7	4	3	14
11	Do. jaggory	...	do.	...	5	3	2	10
12	Cocoanut sugar	...	do.	...	7	4	3	14
13	Do. jaggory	...	do.	...	5	3	2	10
14	Honey in the comb	...	2 combs	...	7	4	3	14
15	Do. run	...	5 seers by weight	...	5	3	2	10
16	Bees wax (unbleached)	...	do.	...	4	3	2	9
17	Do. (bleached)	...	do.	...	7	5	3	15
Total Class V ...					...	...	...	198
Class VI.—Dyes and Colors.								
1	Indigo	...	1 seer by weight	...	15	10	7	32
2	Sappan wood	...	5 " do.	...	15	10	7	32
3	Red sanders wood	...	do.	...	15	10	7	32
4	Turmeric	...	do.	...	10	7	5	22
5	Safflower	...	2 " do.	...	10	7	5	22
6	Maddi-chakke	...	5 " do.	...	15	10	6	31
7	Popli-chakke	...	do.	...	15	10	6	31
8	Kapila Rangu	...	2 " do.	...	15	10	6	31
9	Pulas or Mutuga flowers	...	do.	...	5	3	2	10

One seer by measure = $\frac{1}{2}$ of a Madras measure.
One seer by weight = 24 tolas.

General Prize List—contd.

No.	Exhibits.	1st Prize.	2nd Prize.	3rd Prize.	Total.
<i>Class VI.—Dyes and Colors—continued.</i>					
10	Lac dye ... 2 seers by weight ...	15	10	7	32
11	Arnotto (Rangamale) ... 5 " do. ...	10	7	5	22
12	Shoe flower, ... 2 " do. ...	10	7	5	22
13	Marking nut, ... 5 seers by measure...	5	3	2	10
14	Kirmanji, ... 1 " by weight ...	5	3	2	10
15	Collection of dyes and colors (other than those named above), 1 seer each kind by weight. ...	10	7	5	22
Total Class VI ...					361
<i>N. B.—Colors and dyes together with colored silk, cotton or wool fibres (not fabrics) should be exhibited.</i>					
<i>Class VII.—Miscellaneous.</i>					
1	Collection of tanning materials, 1 seer by weight each	20	15	10	45
2	Do. medicinal plants and roots, do. ...	20	15	10	45
3	Do. gums, resins & gum resins do. ...	20	15	10	45
*4	Do. specimens of timber and ornamental woods	30	25	20	75
5	Do. of native scents and essential oils (not less than a tola each) ...	15	10	5	30
6	Do. of oils, 1 seer by weight each kind ...	20	15	10	45
7	Ghee, 5 seers by weight each kind ...	7	4	2	13
8	Butter, do. do. ...	7	4	2	13
9	Collection of oil cakes for feeding purposes, 5 seers each sort ...	7	4	2	13
10	Do. do. for manure do. do. ...	7	4	2	13
11	Farinaceous foods, 2 seers by measure each kind ...	20	15	10	45
Total class VII ...					382
<i>Class VIII.—Vegetables and Fruits.</i>					
1	General collection of indigenous vegetables ...	15	10	5	30
2	Do. of exotic vegetables grown in the Province	15	10	5	30
3	Do. of indigenous fruits ...	15	10	5	30
4	Do. of exotic fruits grown in the Province ...	20	15	10	45
Total Class VIII ...					135
<i>N. B.—Fruits, not less than a dozen of each kind.</i>					
Grand Total for Section B ...					2,518
SECTION C.					
MACHINES, IMPLEMENTS AND TOOLS.					
1	Collection of implements, machines and tools used in Native Agriculture ...	15	10	5	30
2	Mill, Mortar, or Machine, for husking paddy (Animal power) ...	50	25	...	75
3	Do. do. (Hand power) ...	50	25	...	75
4	Fibre separating machine ...	20	10	...	30
5	Winnowing machine ...	20	10	...	30
6	Sugar-cane mill ...	50	30	...	80
7	Cotton cleaning machine ...	50	25	...	75
8	Silk reeling machine ...	50	25	...	75

* Each specimen of wood must be at least twelve inches long, two inches thick, and of the greatest width obtainable.

General Prize List—contd.

No.	Exhibits.	1st. Prize.	2nd Prize.	3rd Prize.	Total.
SECTION C—contd.					
MACHINES IMPLEMENTS AND TOOLS—contd.					
9	Oil-mill or press	50	25	...	75
10	Chaff cutter	20	10	...	30
11	Iron plough	20	10	5	35
12	Wood plough with working parts of iron, for general purposes	20	10	5	35
13	Iron cultivator	20	10	...	30
14	Grubber	20	10	...	30
15	Wood cultivator or grubber with working parts of iron	20	10	...	30
16	Land roller, for general purposes	15	10	...	25
17	Iron harrows, for do.	15	10	...	25
18	Wood harrows, for do. with iron teeth	15	10	...	25
19	Seed drill	20	10	5	35
20	Cart for agricultural purposes	30	...	...	30
21	Wheel-barrow	10	5	...	15
22	Best and most economical arrangements for raising water for irrigation purposes, suitable to ryots of average means	100	...	...	100
23	Mamati	3	2	...	5
24	Spade, suited for the use of Native laborers	3	2	...	5
25	Digging fork	3	2	...	5
26	Mattock	3	2	...	5
27	Pick	3	2	...	5
28	Shovel	3	2	...	5
29	Scythe	3	2	...	5
30	Reaping knife	3	2	...	5
31	Hedge knife	3	2	...	5
32	Shikar knife	3	2	...	5
33	Manure fork	3	2	...	5
34	Axe	3	2	...	5
35	Hatchet	5	3	...	8
36	Set of Dairy utensils	20	...	...	20
37	Set of Bullock harness	10	...	...	10
38	Set of Blacksmiths' tools	10	...	...	10
39	Set of Coppersmiths' tools	10	...	...	10
40	Set of Whitesmiths' or Tinsmiths' tools	5	...	...	5
41	Set of Farrier's tools with shoes and nails	10	7	...	17
42	Set of Carpenters' tools	10	...	...	10
43	Do. Goldsmiths' tools	10	...	...	10
44	Set of sugar manufacturing and refining vessels and tools now in use in the Province	15	10	...	25
45	Do. do. imported or invented	60	40	...	100
46	Jhatka, turn-out complete, of improved and cheap pattern ... do. do.	50	35	25	110
47	Single bullock cart do. do.	20	10	...	30
48	Double bullock cart do. do.	25	15	...	40
Total Section C ...		...	...	...	1,455
<p>N.B.—Prizes not to be awarded to implements or machines, however good in themselves, unless they are suitable to local conditions in every respect and show on trial a marked superiority to machines, &c., already in use.</p>					

General Prize List—contd.

No.	Exhibits.	1st Prize.	2nd Prize.	3rd Prize.	4th Prize.	Total.
SECTION D.						
COMPETITION IN PLOUGHING.						
1	Competition among Native ploughs ...	30	20	15	10	75
2	Do. among Native and European or American ploughs ...	40	30	20	10	100
3	Competition in horse shoeing ...	10	7	5	...	22
Total Section D ...						197
SECTION E.						
FINE ARTS.						
1	Sandal wood carving ...	30	20	15	...	65
2	Ivory carving ...	30	20	15	...	65
3	Sculpture ...	30	20	15	...	65
4	Free hand-drawing and painting ...	30	20	15	...	65
5	Wood carving (other than sandal wood) inlaid ...	30	20	15	...	65
6	Lacquered ware ...	10	7	5	...	22
7	Musical wire ...	10	7	5	...	22
Total Section E ...						369
SECTION F.						
INDUSTRIAL ARTS.						
Class I.—Hardware and Cutlery.						
1	Brass (useful or ornamental) ...	30	20	10	...	60
2	Copper do. ...	30	20	10	...	60
3	Bell metal do. ...	30	20	10	...	60
4	Steel (country made) ...	20	10	5	...	35
5	Iron ...	15	10	7	...	32
Total Class I ...						247
Class II.—Earthenware.						
1	Pottery (useful or ornamental) ...	20	15	10	...	45
2	Bricks, burnt of sorts ...	10	5	...	...	15
3	Tiles (Mysore made) ...	15	10	7	...	32
Total Class II ...						92
Class III.—Glassware.						
1	Bangles (Mysore made) ...	10	5	...	...	15
2	Glass do. ...	15	10	...	...	25
Total Class III ...						40
Class IV.—Furniture.						
1	A collection of articles of wooden furniture, not less than 6 pieces of cheap, neat, and durable pattern ...	50	30	20	...	100
Total Class IV ...						100
Class V.						
1	Basket ware ...	10	5	3	...	18
2	Cane work ...	15	10	7	...	32
Total Class V ...						50
Class VI.—Textile Manufactures.						
(a) Silk and Country Lace.						
1	Women's cloths (Siré of sorts and colors) ...	40	30	20	...	90
2	Do. bodices (Kupsa khana do.) ...	15	10	5	...	30
3	Men's cloths (Dhoti, Panche, Pitambra) ...	40	30	20	...	90
						210

General Prize List—contd.

No.	Exhibits.	1st Prize.	2nd Prize.	3rd Prize.	Total.
<i>(b) Pure Silk.</i>					
4	Men's cloths, (Maguta) of sorts and colors ...	35	25	15	75
5	Women's cloths (Siré), do. ...	35	25	15	75
6	Do bodices, (Kupsakhana) do. ...	10	7	5	22
7	Handkerchiefs ...	5	3	2	10
		...	...	...	182
<i>(c) Silk and Cotton.</i>					
8	Women's cloths, (Siré) of sorts and colors ...	30	20	10	60
9	Do. bodices, (Kupsakhana) do. ...	5	3	2	10
10	Men's cloths, (Dhoti or Panche) ...	20	15	10	45
		...	...	...	115
<i>(d) Cotton and Lace.</i>					
11	Turban or head cloth ...	20	15	10	45
12	Men's cloths, (Dhoti or Panche) ...	20	15	10	45
		...	...	...	90
<i>(e) Pure Cotton.</i>					
13	Men's cloths, (Dhoti or Panche) ...	5	3	2	10
14	Women's cloths, (Siré) of colors and sorts ...	7	5	3	15
15	Bed sheets ...	5	3	2	10
16	Towels ...	3	2	1	6
		...	...	...	41
<i>(f) Woollen Fabrics.</i>					
1	Karihodge cumby ...	40	25	15	80
2	Chaukali cumby ...	40	25	15	80
3	Bili cumby ...	40	25	15	80
4	Woollen shawl manufactured in the Province ...	40	25	15	80
5	Horse blankets manufactured in the Province ...	10	7	4	21
6	Carpets ...	20	15	10	45
7	Rugs ...	20	15	10	45
	Total ...	...	...	...	431
<i>(g) Fibres.</i>					
1	Cordage (of sorts) ...	7	5	...	12
2	Gonipatte and bags ...	10	7	5	22
		...	...	...	34
<i>(h) Matting.</i>					
1	Matting of sorts ...	7	5	3	15
	Total Class VI ...	...	...	...	1,118

General Prize List—concl'd.

No.	Exhibits.	1st Prize.	2nd Prize.	3rd Prize.	Total.
<i>Class VII.—Leather.</i>					
1	Tanned hides ...	30	20	10	60
2	Do. Goats' skins ...	20	15	5	40
3	Do. Sheep's skins ...	20	15	5	40
4	A set of harness, (country leather) ...	20	15	...	35
5	Saddle and bridle do. ...	20	15	...	35
6	Pair of boots do. ...	7	5	...	12
7	Pair of shoes do. ...	6	4	...	10
8	Pair of native slippers ...	4	3	...	7
Total Class VII ...		...	...	...	239
<i>Class VIII.—Stationery.</i>					
1	Paper, (country-made) of sorts and sizes ...	30	20	...	50
2	Ink, do. ...	5	3	...	8
3	Sealing wax do. ...	5	3	...	8
Total Class VIII ...		...	...	...	66
Total Section F. ...		...	...	...	1,952
Grand Total ...		...	...	...	8,447

ABSTRACT.

SECTION A.— <i>Live Stock.</i>				1,956
Class I. Horses and Ponies ...	...	...	510	
II. Cattle ...	...	...	1,150	
III. Sheep and Goats ...	...	...	296	
SECTION B.— <i>Vegetable Productions.</i>				2,518
Class I. Field Produce ...	...	...	467	
II. Garden, Plantation and Jungle Produce...	...	...	247	
III. Fibres ...	...	...	966	
IV. Spices, condiments, &c. ...	...	...	362	
V. Sugars ...	...	...	198	
VI. Dyes and colors ...	...	...	361	
VII. Miscellaneous ..	...	...	382	
VIII. Vegetable and fruits ...	...	...	135	
SECTION C.— <i>Machines, Implements and Tools</i>				1,455
SECTION D.— <i>Competition in Ploughing</i>				197
SECTION E.— <i>Fine Arts</i>				369
SECTION F.— <i>Industrial Arts</i>				1,952
Class I. Hardware and Cutlery ...	...	...	247	
II. Earthenware ...	...	...	92	
III. Glassware ...	...	...	40	
IV. Furniture ...	...	...	100	
V. Basketware ...	...	...	50	
VI. Textile Manufactures ...	...	...	1,118	
VII. Leather ...	...	...	239	
VIII. Stationery ...	...	...	66	
Grand Total Rs. ...				8,447

THE MYSORE AGRICULTURAL AND INDUSTRIAL EXHIBITION, 1888.

Regulations.

1. The Exhibition will be opened at Mysore at 8 A.M., on 15th October 1888, and will continue for four days.
2. The fee for admission to the Show-yard will be one rupee for adults and 8 annas for children on the 1st day and 2 annas uniformly on the subsequent days. The forenoon of the 2nd day will be set apart exclusively for the admission of native ladies.
3. Members of Committee, and other persons attending the Show-yard on duty, will be furnished with free passes.
4. The arrangement of the Show will be conducted by the Show-yard Committee selected from among the members of the General Committee. All persons entering the Show-yard will abide by these regulations and those framed by the Show-yard Committee.
5. Care-takers of valuable exhibits will be granted free passes to the Show-yard at the discretion of the Committee.
6. Cover or shelter will be provided for all exhibits except implements. Applications for space must be made to the Secretaries in the prescribed form a month prior to the opening of the Show.
7. No exhibits will be admitted without an admission order signed by the Secretaries.
8. Separate application for space must be made for exhibits competing for different classes, and each exhibit must be accompanied by an entry notice, in the form supplied, duly filled up.
9. All exhibit except live stock, vegetables, dairy produce and similar perishable articles should be produced at the Show-yard 6 clear days previous to the day on which the Show opens.
10. Live stock must be in the Show-yard clear 24 hours before the opening of the Show.
11. Vegetables, fruits, dairy produce and other perishable articles must be delivered at the Show-yard before 7 A.M. on the day of the opening of the Show.
12. Articles that are not delivered at the Show-yard as provided in the rules 9, 10, 11, shall not be eligible to compete for prizes, but may be admitted to the Show at the discretion of the Committee.
13. Exhibitors will have to pay every expense of transit, delivery, fixing and removing their exhibits, and they must either personally or by their agents superintend the reception and removal of those exhibits; in default whereof the Committee reserves to itself the right of doing whatever may be considered necessary at the expense of the exhibitor.
14. Every reasonable care will be taken of the exhibits while in the Show-yard, but no responsibility will be accepted by the Committee.
15. All stock and exhibits of all kinds must be removed within four days after the close of the Show; exhibits remaining after that time will be disposed of as the Committee see fit.
16. No exhibit of any description except perishable articles will be allowed to leave the Show-grounds until the Show is closed.
17. The competing stock and exhibits must be marked with labels supplied duly filled up.
18. The age of all live stock (classified according to age) will be calculated from the first July of the year of birth, unless the exact age is specified.
19. Every animal must be properly secured by a nose-rope or otherwise, and dangerous or diseased animals shall be refused admission or removed from the yard by order of the Show-yard Committee.
20. Each animal or lot competing separately must be in charge of a care-taker who will remain in charge of the exhibit and must be ready to lead it out at any time as required by the Committee.

21. The Committee will supply water for live stock and arrange for keeping available in the yard a supply of fodder which can be obtained on purchase, but they undertake no responsibility as to the feeding or care of stock.

22. Implements and machines will be tested and ploughing matches held on the 2nd day of the Show.

23. The Judges in each class or group will not be less than 3 in number, but they are not bound to award any or all the prizes in each case if the exhibits do not, in their opinion, merit any reward.

24. Prizes will be distributed at the close of the Show. In addition to the money prize each winner of a prize will be entitled to a certificate. Medals equivalent in value to the money prize may be awarded at the option of the prize-winner.

25. "Honourable mention" will be awarded to such articles as deserve encouraging notice though not a prize.

26. Government institutions or institutions receiving aid from Government may exhibit but not compete for prizes.

27. Judges cannot compete for prizes in the classes or sections in which they are judging.

28. Articles on sale and articles sold should in either case have cards attached to them notifying the same. The Show-yard Committee will afford all possible assistance to the owners in effecting such sales but cannot accept any responsibility.

29. The Committee have full power to make rules for the conduct of the Exhibition under these regulations and their decision is final in all cases.

J. CAMERON,

S. A. BAPU RAO,

*Joint Secretaries of the Mysore Agricultural
and Industrial Exhibition.*

* The Government of Bengal.
" " North-Western Provinces and
" " Oudh.
" " Punjab.
" Chief Commissioner of the Central Provinces.
" " " Burma.
" " " Assam.
" " " Coorg.
" " Ajmere and Merwarra.
" Resident at Hyderabad.

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ORDER.—Ordered, that the papers read above be published in the Supplement to the *Gazette of India*, and that copies be forwarded to the Local Governments and Administrations noted on the margin* for information, with the request that any encouragement which can be reasonably given should be shown to the undertak-

[True Extract.]

E. C. BUCK,

Secretary to the Government of India.

GOVERNMENT OF INDIA.
REVENUE AND AGRICULTURAL DEPARTMENT.

ABSTRACT SHOWING THE RESULT OF EMIGRATION FROM THE PORT OF CALCUTTA DURING
THE MONTH OF JULY, 1888.

No. I.—As to Age and Sex.

	TRINIDAD.				DEMERARA.				TOTAL.		Grand Total.
	Males.	Females.	Total.	Proportion of women to men.	Males.	Females.	Total.	Proportion of women to men.	Males.	Females.	
Under 2 years	37	36	73	48.78 women to every 100 men.	16	26	42	52.06 women to every 100 men.	53	62	115
From 2 to 10 years	110	87	197		25	79	154		185	166	351
" 10 " 20 "	66	29	95		132	49	181		108	78	276
" 20 " 30 "	548	212	760		457	205	662		1,005	417	1,422
" 30 " 40 "	99	54	153		93	44	137		192	98	290
" 40 " 50 "	2	3	5		3	1	4		5	4	9
Above 50 years	1	...	1		...	...	...		1	...	1
GRAND TOTAL	863	421	1,284		776	404	1,180		1,639	825	2,464

No. II.—As to places whence Emigrants came to Calcutta for embarkation.

	TRINIDAD.			DEMERARA.			TOTAL.		Grand Total.
	Males.	Females.	Total.	Males.	Females.	Total.	Males.	Females.	
Orissa	2	...	4	...	...	...	2	2	4
Western Bengal	5	2	7	2	2	4	7	4	11
Central ditto	2	...	2	2	1	3	4	1	5
Eastern ditto	...	...	...	...	...	...	...	...	...
Behar	254	145	399	177	99	276	431	244	675
North-Western Provinces	442	220	662	396	230	626	838	450	1,288
Oudh	137	41	178	197	67	254	324	108	432
Central India	4	8	12	5	3	8	9	11	20
Punjab	7	1	8	5	...	5	12	1	13
Nepal and Native States	3	1	4	2	2	4	5	3	8
Mixed, Bombay and Madras	7	1	8	...	...	...	7	1	8
GRAND TOTAL	863	421	1,284	776	404	1,180	1,639	825	2,464

No. III.—As to Caste and Religion.

Brahmins and high castes	90	42	132	135	76	211	225	118	343
Agriculturists	297	106	403	239	83	322	536	189	725
Artisans	44	17	61	36	25	61	80	42	122
Low castes	357	207	564	300	176	476	657	383	1,040
Musulmans	75	49	124	66	44	110	141	93	234
Christians	...	...	...	...	...	...	...	...	...
GRAND TOTAL	863	421	1,284	776	404	1,180	1,639	825	2,464

Memo.

	Males.	Females.	Total.
1. Hindus	1,428	732	2,230
2. Musulmans	141	93	234
3. Christians	...	...	...
TOTAL	1,639	825	2,464

E. C. BUCK,
Secretary to the Government of India.

GOVERNMENT OF INDIA.

REVENUE AND AGRICULTURAL DEPARTMENT.

**Weather Review of India for the week ending 8 a.m. on
Monday, August 20th, 1888.**

The relatively quiet conditions which have prevailed over India during the past few weeks disappeared during the week under review. On the West Coast the monsoon current has blown stronger and with fewer irregularities than during the previous week, while on the opposite side of India the cyclonic vortices which have been formed have been larger and more intense than those formed during the previous three weeks. Another important characteristic of the storms formed during the present period has been the tendency they have displayed to travel on a more westerly course than their predecessors. This has exercised an important influence on the weather, as they have not interfered with the free advance of the monsoon current from the Bay of Bengal into Upper India. In consequence, not only has the rainfall been heavy in the immediate neighbourhood of the storm, but the south-easterly winds on the northern side have given fairly heavy rain to the greater part of Northern India.

In the Punjab, Rajputana, and Sind the reports of the 14th, 15th, and 16th showed that very little rain had fallen within those Provinces; but on the 16th rain had extended as far west as Sialkot, and before the close of the week had reached as far as Peshawar. This extension of rain westward was preceded and accompanied by a brisk fall of temperature, the change on some days and at some stations equalling 10° .

The Chart of the 13th showed the existence of abnormally high pressures over Rajputana, the south-east of the Punjab, and the north-west of the North-Western Provinces, while on either side of this shoulder, *viz.*, over the Indus Valley on the one hand and the neighbourhood of Allahabad on the other, relatively low pressures were shown. A feeble cyclonic storm lay between Allahabad, Benares, and Gorakhpur. The existence of this small storm and of the high pressure shoulder over Rajputana and the North-Western Provinces apparently prevented any considerable extension of monsoon rainfall into North-Western India, the only amounts reported from the Punjab being slight showers at Delhi and Ludhiana, while in Sind and the greater part of Rajputana there was no rain. In Madras any rain which fell was slight and scattered. Elsewhere the rainfall was general and in places heavy. Chittagong had over 3 inches; Gya and Lucknow, over 4 inches; Saugor (Central India), over 7 inches; and Nowgong and Jeypore, over 3 inches. On the 14th the small local storm over Allahabad had disappeared, but the general distribution of pressure and of rainfall was unaltered. There was no rain at all in the Punjab or in Sind, and only a slight shower at Jeypore in Rajputana. Elsewhere rain had fallen generally but less heavily than during the previous 24 hours. The heaviest falls recorded were $4\frac{3}{4}$ inches at Nowgong (Central India) and over 3 inches at Akyab and Chittagong. High maximum temperatures were recorded from most of the Punjab stations, as well as from parts of Sind

and South Madras. On the 15th there was again no important alteration. There was no rainfall in the Punjab, Western Rajputana, or Sind, but moderate general rainfall elsewhere. In Burma and Lower Bengal the falls were heavy. High maxima were again reported from the Punjab, Sind, and South Madras. The Chart of the 16th showed that the barometer was falling all over Northern India, but was rising in the South. A barometric depression was forming over Bengal, and easterly and south-easterly winds were advancing along the foot of the hills into Upper India. The shoulder of high pressure over the east of the Punjab and west of the North-Western Provinces showed signs of giving way. Rain was reported from Delhi, Sialkot, and Simla, but, with these exceptions, the Punjab, Western Rajputana, and Sind were without rain. Over the Central parts of the country the falls were light and scattered, but elsewhere rain was general, though on the whole not heavy. The maxima reported from the Punjab, Sind, and Madras were still high, but the mean temperature had begun to fall. On the 17th a well marked depression was shown over Bengal, and very heavy rain was falling in Behar and the east of the North-Western Provinces. The development of this depression had been accompanied with a further development of the Rajputana shoulder of high pressure, and consequently the rainfall in North-Western India was again slight. General rain continued elsewhere. During the 17th the depression advanced westward; and its centre at 8 A.M. on the 18th lay between Nowgong and Sutna. Its advance westward had broken down the Rajputana high pressure, and the monsoon current from the Bay had penetrated and carried rain into the greater part of the Punjab. Heavy rain was still falling on the western side of the depression, and moderate general rain was falling elsewhere. The monsoon currents on both sides of India were blowing strongly. There had occurred a brisk to rapid fall of temperature in the Punjab and North-Western Provinces. On the 19th the storm lay near Saugor, and rain had extended to Deesa, Rajkot, and Mooltan. The monsoon currents both continued strong; but in Northern India the winds were light. The heaviest rainfall was 6 inches at Saugor. Temperature had again fallen in the Punjab.

The following report referring to the conditions over the Arabian Sea during the past week was kindly telegraphed by the Superintendent, P. O. Company, Bombay:—In the Gulf of Aden the winds were light and variable, and the barometer about normal; from the Gulf of Aden to Long. 61° East a fresh monsoon, cloudy weather, and a slightly high pressure were experienced; and from Long. 61° to Bombay a strong monsoon and heavy sea. It is evident from this report that favourable monsoon conditions prevail over the Indian region.

The concluding table shows that very fair rain has been experienced over a very large portion of the country during the past week, and that in some divisions there has been a very considerable excess. Thirty of the meteorological divisions report an excess for the week varying from only a few hundredths of an inch to as much as $7\frac{1}{2}$ inches, while eighteen divisions report deficiencies varying from a few hundredths to nearly 4 inches. The regions where the rainfall of the week has been excessive are Burma, Bengal, Behar, the North-Western Provinces, Oudh, the Central Punjab, Malabar, Madras (South Central), the Konkan, the Deccan, the Central Provinces, and Central India, Guzerat, Kattiawar, Rajputana (East), and the East Coast (Central and

South). The divisions where there has been a deficiency are Assam, Orissa, the greater part of the Punjab, Coorg, and Mysore, the Berars, and Khandeish, and the greater part of Madras. The rainfall over Burma was very heavy and continuous. In Tenasserim some places had an average of over 2 inches a day; in some districts in Central Burma equally heavy falls were recorded; and at Kyaukpyu in Upper Burma the week's fall equalled 26 inches. At this station the total rainfall since the 14th of May is 169 inches, or rather more than $1\frac{1}{2}$ inch per day throughout the whole period. For the Sandoway district the average for last week was 3 inches per diem. In East, Central, and Deltaic Bengal the rainfall was steady and continuous, but was less heavy than in Burma, the largest amount reported being 14 inches at Nuddea. In Northern Bengal the amounts were about the average. In Orissa there were some fairly heavy falls, Pibli reporting 5 inches and Kendrapan 4·8 inches; but the average for the district was a little short of the normal. Chota Nagpur and South Behar had several heavy falls, while in North Behar the amounts were generally about the average. In the North-Western Provinces and Oudh very heavy rain was experienced, the heaviest recorded falls for the seven days being 12 inches in the Mirzapur and Allahabad districts, 14 inches in the Banda district, 15 inches in the Cawnpore district, and 19 inches in the Dera Doon. The Punjab (South and Central) had fair rain, 2 inches being reported from the Ferozpur and Hissar districts, and between 2 and 3 inches from the Central division. The Submontane and Western divisions had good falls of rain at the close of the week. The West Coast and the Deccan have had steady and continuous but not heavy rain. In Khandeish, the Berars, and the west of the Central Provinces slight rain has fallen steadily; but the heaviest falls vary generally between 1 and 4 inches. In other parts of the Central Provinces, in Guzerat and in Central India several heavy falls are reported. At some places in the Chingleput, Arcot, and Trichinopoly districts heavy rain has occurred, but as a rule throughout Madras the rainfall has been light.

The final column of the concluding table shows that at 16 of the meteorological divisions the seasonal rainfall exhibits an excess, and that at 32 there is still a deficiency; but at 10 out of these 32 divisions the defect is less than 10 per cent. of the seasonal fall, and may hence be disregarded. The divisions with the largest excess of rain are Tenasserim, the North-Western Provinces (Central), and Madras (South Central); while the divisions with the greatest deficiency are the Punjab (South and West), Mysore, Rajputana (West), and the East Coast (North).

Province.	Division.	RAINFALL DATA FOR WEEK ENDING 20TH AUGUST, 1888.			RAINFALL DATA FROM MAY 14TH TO 20TH AUGUST, 1888.		
		Average actual rainfall of division.	Average normal rainfall of division.	Excess or defect, in inches.	Average actual rainfall of season to date.	Average normal rainfall, May 14th to 20th August.	Excess or defect of (seasonal) rainfall expressed as a percentage.
		Inches.	Inches.	Inches.	Inches.	Inches.	Per cent.
BURMAH	Tenasserim	14'74	9'66	+5'08	162'87	104'51	+56
	Lower Burma	6'38	5'23	+1'15	55'66	63'23	-12
	Central do.	5'50	4'54	+0'96	50'09	50'86	-2
	Upper do.	3'82	?	?	2'31	?	?
	Arakan	10'49	9'04	+1'45	116'70	134'90	-13
BENGAL AND ASSAM...	Eastern Bengal	6'08	4'26	+1'82	43'07	57'11	-25
	Assam (Surma)	2'18	6'01	-3'83	80'61	86'76	-11
	Do. (Brahmaputra)	1'65	4'18	-2'53	44'10	49'51	-11
	Deltaic Bengal	5'05	3'42	+1'23	32'09	34'01	-7
	Central do.	5'32	3'09	+2'23	31'06	35'03	-3
	North do.	4'33	4'14	+0'19	53'01	64'22	-14
	Orissa	2'61	2'77	-0'16	22'26	31'04	-28
	Chota Nagpur	8'73	2'83	+5'90	33'57	32'07	+6
	Behar (South)	4'38	2'01	+2'37	24'72	25'89	-5
	Do. (North)	2'46	2'08	+0'38	28'05	29'37	-4
NORTH-WESTERN PROVINCES AND OUDH.	North-Western Provinces (East).	6'42	1'93	+4'49	27'64	23'21	+19
	Oudh (South)	3'76	1'68	+2'08	27'30	21'71	+26
	Do. (North)	2'37	1'97	+0'40	26'01	24'35	+14
	North-Western Provinces (Central).	5'08	1'71	+3'37	33'36	19'34	+75
	North-Western Provinces (West).	3'69	1'83	+1'86	19'75	19'44	+1
	North-Western Provinces (Submontane).	3'53	2'01	+1'52	29'03	24'87	+17
PUNJAB	Punjab (South)	0'62	0'75	-0'13	5'17	9'19	-41
	Do. (Central)	1'40	1'23	+0'17	11'77	15'11	-22
	Do. (Submontane)	0'88	1'42	-0'54	16'85	18'11	-7
	Do. (Hill Districts)	3'09	3'46	-0'37	34'50	32'28	+7
	Do. (North-West)	0'91	1'20	-0'29	7'37	13'39	-45
	Do. (West)	0'28	0'37	-0'09	3'00	5'25	-43
BOMBAY AND MALABAR COAST DISTRICTS (MADRAS).	Malabar	3'85	2'97	+0'88	103'69	85'94	+20
	Madras (South Central)	1'64	0'70	+0'94	15'43	9'64	+60
	Coorg	4'92	5'81	-0'89	81'71	92'23	-11
	Mysore	0'83	1'53	-0'70	5'12	14'30	-64
	Konkan	5'20	3'93	+1'27	93'48	74'43	+26
	Bombay, Deccan	1'60	1'25	+0'35	18'75	20'15	-7
	Hyderabad (North)	...	...	...	...	...	...
	Khandeish	0'99	1'12	-0'13	10'56	13'95	-24
CENTRAL PROVINCES AND BEHARS.	Behars	0'96	1'37	-0'41	18'62	20'84	-11
	Central Provinces (West)	0'96	1'08	-0'12	22'18	26'21	-15
	Ditto (Central)	5'65	2'44	+3'21	33'57	35'01	-4
	Ditto (East)	2'84	2'66	+0'18	30'46	30'97	-2
BOMBAY (NORTH) ...	Guzerat	4'14	1'47	+2'67	16'37	25'56	-36
	Kathiawar	0'99	0'48	+0'51	10'31	12'64	-18
	Sind	?	0'15	?	?	2'92	?
RAJPUTANA AND CENTRAL INDIA.	Central India (East)	4'85	2'25	+2'60	25'93	20'42	+27
	Rajputana (East), Central India (West).	2'76	1'35	+1'41	14'52	14'67	-1
	Rajputana (West)	0	0'74	-0'74	4'31	8'64	-50
MADRAS	East Coast (North)	0'71	0'89	-0'18	8'72	15'28	-43
	Hyderabad (South)	1'20	1'45	-0'25	9'46	14'20	-34
	Madras (Central)	1'14	1'33	-0'19	6'01	10'52	-37
	East Coast (Central)	1'20	1'09	+0'11	10'74	10'56	+4
	Ditto (South)	1'92	0'95	+0'97	8'57	7'82	+10
	Madras (South)	0'14	0'31	-0'17	2'56	4'07	-37

W. L. DALLAS,

SIMLA, 20th August, 1888.

for Offg. Meteorological Reporter to the
Government of India.

E. C. BUCK,

Secretary to the Government of India.

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GOVERNMENT OF INDIA.

REVENUE AND AGRICULTURAL DEPARTMENT.

Weekly Report on the State of the Season and Prospects of the Crops.

Madras.—*For week ending 18th August, 1888.*—Rainfall general,—good on the West Coast, poor in Anantapur, Madura, and Salem, and fair elsewhere. Crops generally good, but withering in Madura and Salem and in parts of Vizagapatam, Anantapur, North Arcot, Tinnevely, and Nilgiris. Want of rain much felt in these districts and in parts of Coimbatore, Trichinopoly, and Ganjam. Pasture very scanty in Madura, Trichinopoly, Salem, and Tinnevely, and insufficient in North Arcot and Anantapur. Agricultural operations generally progressing fairly. No great fluctuations in prices. General prospects fair, but not so favourable in Madura, Salem, Anantapur, and Vizagapatam.

Bombay.—*For week ending 22nd August, 1888.*—Slight rain in parts of Karachi and Hyderabad, but river still low. Area of early crops less than average, and prospects of late crops unfavourable in Shikarpur. Rain during week throughout Presidency Proper, and prospects generally improved, especially in Guzerat and Kathiawar. Total rainfall still insufficient throughout Khandesh, Ahmednagar, Sholapur, and Bijapur, and in parts of Surat, Ahmedabad, Nasik, Poona, Satara, Belgaum, and Dharwar. Crops suffering for want of rain throughout Sholapur, in three talukas of Nasik and Poona, four of Bijapur, and one of Dharwar. Prospects of early crops in Ahmednagar generally unfavourable. Sowing of early crops progressing in parts of Nasik, and transplantation in parts of Kaira, Panch Mahals, Surat, Nasik, and Thana. Rice in parts of Kanara, and other crops in parts of Belgaum and Dharwar, damaged by excessive rain. Fodder scarce in parts of Hyderabad, Nasik, Khandesh, Karachi, Ahmednagar, Sholapur, Belgaum, and Kathiawar. Want of water felt in six talukas of Karachi, in one of Upper Sind Frontier, and in parts of Sholapur.

Bengal.—*For week ending 21st August, 1888.*—Rainfall has been general all over the Province, and heavy in South-West and East Bengal, South Behar, and Chota Nagpur. Prospects of late rice are generally good, but in parts of the Rajshahye, Patna, and Orissa divisions rain is still required for transplanting. Early rice and jute harvests proceeding and good yield expected; but in Dinagepur, Bogra, Maldah the outturn of early rice will be below the average. *Bhadai* crops are generally promising; but in Gya and Hazaribagh they have suffered from excessive rain. Sugarcane is a good crop. Indigo manufacture continues. Distress in Khurdah continues; and bad accounts are also received from some other parts of the Orissa division.

North-Western Provinces and Oudh.—*For week ending 22nd August, 1888.*—There was general and plentiful rain during the week. In Cawnpore the fall was very heavy in places, causing serious damage to crops. Crops have also suffered in Benares, Rai Bareilly, Partabgarh, Allahabad, Farukhabad, and Jhansi, and in these districts a break is much needed; otherwise crops are flourishing and prospects are good. Supplies of foodgrains are sufficient; and except in Ballia, Rai Bareilly, Allahabad, and Bareilly, where they are still rising, prices are steady. The condition of cattle continues satisfactory.

Punjab.—*For week ending 22nd August, 1888.*—Rainfall general, except at Shahpur. Prices fluctuating in Delhi, rising in Ferozepore, Amritsar, Rawalpindi, and Shahpur, and stationary elsewhere. Ploughings for and sowings of *kharif* crops in progress. Weeding commenced in Jullundur. Ploughing for *rabi* has also commenced in Shahpur. More rain wanted at Hissar and Ferozepore. *Kharif* crops flourishing and are in fair condition. Prospects of standing crops are reported generally good, and average in Jullundur and Rawalpindi. No damage done to crops. Stock cattle are reported healthy. Fodder generally sufficient, but scarce in three districts.

Central Provinces.—*For week ending 22nd August, 1888.*—Good rain during the week in all districts, except in the Harda tahsil of Hoshangabad and in Nagpur, where the fall has been scanty; but heavy rain has fallen in Nagpur since the week under report ended. Prospects generally continue favourable. Rice in Sambalpur in excellent condition. Cattle healthy. Prices rising in Saugor.

Burma.—*For week ending 11th August, 1888.*—In Lower Burma there was sufficient rain in all districts. Agricultural operations are everywhere progressing favourably. In Upper Burma there was but little rain, except in Bhamo, Myadaung, Minbu, Yamethin, Pyinmana, and Upper Chindwin. Rain is much wanted in parts of Bhamo and Yeu districts. Ploughing and sowing continue. The price of paddy has risen in Moulmein and Tavoy, and has fallen in Shwebo. Elsewhere prices are stationary.

Burma.—*For week ending 18th August, 1888.*—Agricultural operations advancing satisfactorily both in Lower and Upper Burma. 10,000 acres of paddy have been destroyed in Payagale township, Pegu district, owing to the bursting of the Pagaing bund. Crops have been slightly damaged in Moulmein, Shwegyin, Toungoo, and Tavoy districts by heavy rain and floods. In Lower Burma the rainfall was satisfactory in all districts, and in Upper Burma it was more plentiful than in the previous week, except in Myadaung and Minbu districts. In Upper Burma the price of paddy was stationary; in Lower Burma it rose in Sandoway, Tharrawaddy, Thongwa, Henzada, Moulmein, Amherst, and Tavoy districts.

Assam.—*For week ending 22nd August, 1888.*—Weather seasonable, but rain wanted in Lakhimpur, Darrang and Kamrup. Reaping of early rice almost over. Transplanting of late rice still continues. Prospects of crops generally good.

Mysore and Coorg.—*For week ending 22nd August, 1888.*—Rainfall general and slight. Good showers reported in parts of Shimoga and Kadur districts. Crops in parts of the Mysore, Kadur, and Chitaldroog districts, and in the northern taluks of the Tumkur district, require more rain. Sowing of dry crops generally completed, and transplanting of paddy progressing. Outturn of harvests fair. Prices slightly risen in the Kolar and Tumkur districts.

Good rain in Coorg during the week. Transplanting of rice well advanced. Continuous rain hurtful to coffee crops in North Coorg.

Berar and Hyderabad.—*For week ending 22nd August, 1888.*—Slight rain during the week in Berar. Cotton and *jowari* good. Weeding in progress. Pasturage abundant. Agricultural stock in good condition. No change in prices.

There has been slight rain at Hyderabad. Agricultural prospects fair. Prices stationary.

Central India.—*For week ending 22nd August, 1888.*—Excessive rain in Bundelkhand and Baghelkhand, slight in parts of Bhopawar, and good elsewhere. Crop slightly damaged in Bundelkhand, Goona, and Bhopawar. Prices of foodgrains rising slightly in Bhopawar and Neemuch.

Rajputana.—*For week ending 22nd August, 1888.*—Heavy rainfall in Abu, Jhallawar, Jeypore, Kerowlee, and Dholepur, light elsewhere, and none in Marwar. Agricultural operations satisfactory. Standing crops good generally, but slightly damaged at places. Agricultural stock good. Pasturage or fodder sufficient. Prices steady generally, but fluctuating at places. Cotton crop favourable in Jeypore.

Nepal.—*For week ending 16th August, 1888.*—Good rain fell during last week. Agricultural prospects generally good. Sowing of *marua* commenced after harvesting Indian corn.

E. C. BUCK,

Secretary to the Government of India.

GOVERNMENT OF INDIA.
PUBLIC WORKS DEPARTMENT.
RAILWAY TRAFFIC.

No. XVII. OF 1888-89.

APPROXIMATE STATEMENT OF GROSS RECEIPTS AND EXPENSES OF INDIAN RAILWAYS.

N.B.—As regards the figures in column *Total Receipts from 1st April to date*, audited figures have been used as far as possible.

Latest Return received.	RAILWAYS.	Total mean length open.	RECEIPTS FOR WEEK ENDING 30TH JULY, 1887.		Total mean length open.	RECEIPTS FOR WEEK ENDING 28TH JULY, 1888.		TOTAL RECEIPTS FROM 1ST APRIL TO 30TH JULY, 1887.		TOTAL RECEIPTS FROM 1ST APRIL TO 28TH JULY, 1888.		Total increase in 1888-89.	Total decrease in 1888-89.
			Total.	Per mile open.		Total.	Per mile open.	Total.	Per mile open per week.	Total.	Per mile open per week.		
			Rs.	Rs.		Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
State Lines worked by Companies.													
11th August, 1888	East Indian	1,519	7,21,748	475	1,514	6,71,187	443	1,56,82,690	608	1,46,97,803	571	...	9,24,88
4th ditto	Rajputana-Malwa (a)	1,004	3,02,115	121	1,064	2,30,000	118	57,46,705	200	62,48,617	221	5,01,822	...
11th ditto	Sindia	75	5,610	75	75	6,000	84	1,42,734	112	1,33,112	105	...	9,60
11th ditto	Patna-Gya	57	9,455	105	57	6,057	106	1,56,544	161	1,11,920	146	...	14,60
4th ditto	Bengal-Nagpur (b)	186	8,369	45	186	20,543	110	5,52,008	172	5,00,545	187	38,537	...
11th ditto	Dildarnagar-Ghazipur	12	6,09	57	12	675	56	17,715	87	18,705	92	990	...
4th ditto	Mysore	140	9,658	69	140	10,754	77	1,69,021	70	1,76,191	74	7,170	...
4th ditto	Southern Mahratta (c)	705	50,703	66	850	70,074	84	10,66,319	83	13,62,748	94	2,96,229	...
28th July, 1888	Indian Midland	42	1,466	35	136	9,726	72	55,313	70	2,73,159	118	2,17,846	...
4th August, 1888	Cuddapah-Nellore	...	...	...	...	3,852	46	...	...	79,258	56	79,258	...
4th ditto	Bareilly-Pilibhut	36	994	28	36	1,199	33	31,609	52	27,693	45	...	39,00
4th ditto	Lucknow-Sitapur-Shrirampur	85	3,440	40	105	5,366	34	69,951	51	87,613	49	17,662	...
	TOTAL	1,581	10,14,247	221	4,858	10,34,795	213	21,30,39,919	300	21,38,37,373	280	2,66,454	...
State Lines worked by Government.													
11th August, 1888	North-Western (d)	2,094	3,12,118	149	2,461	4,22,530	175	79,27,073	194	81,14,365	168	10,87,292	...
4th ditto	Wardha Coal	45	9,124	203	45	14,373	273	2,81,528	330	2,47,207	323	...	9,60
4th ditto	Bengal Central	125	10,014	85	125	9,590	77	2,21,700	104	2,00,242	94	...	21,524
4th ditto	Eastern Bengal Railways (e)	645	1,42,886	221	672	1,63,480	243	24,22,113	221	24,98,253	218	76,140	...
11th ditto	Nalhati	27	1,240	68	27	1,385	51	30,811	67	31,051	69	1,140	...
11th ditto	Tirhoot	240	27,447	110	259	23,009	89	5,75,685	130	5,80,625	134	13,940	...
4th ditto	Burma	331	40,885	150	302	47,041	107	10,01,301	177	10,04,520	157	5,219	...
4th ditto	Imbhat	26	1,423	55	25	1,313	52	10,025	34	18,709	38	2,934	...
28th July, 1888	Cherra-Companyganj	7	23	3	...	...	...	684	6	48,11,140	9	456	...
	TOTAL	3,581	5,55,369	156	3,956	6,75,681	171	1,15,52,036	188	1,27,08,012	181	11,55,976	...
Lines worked by Guaranteed Companies.													
4th August, 1888	Madras	831	1,66,728	201	842	1,63,834	195	28,22,441	196	27,52,847	192	...	69,894
4th ditto	South Indian	654	92,611	142	654	1,00,738	154	17,64,074	150	18,51,233	167	86,250	...
4th ditto	Great Indian Peninsula	1,497	4,27,148	286	1,497	5,02,503	376	1,50,37,982	603	1,50,76,507	614	38,585	...
4th ditto	Bombay, Baroda and Central India	461	1,16,734	253	461	1,33,000	288	48,66,739	611	44,19,782	564	...	4,46,987
4th ditto	Oudh and Rohilkhand	686	87,401	127	693	85,057	124	23,23,705	199	24,13,531	205	89,766	...
	TOTAL	4,129	8,90,622	316	4,127	10,46,092	252	2,74,15,901	384	2,71,13,960	375	...	3,01,941
GRAND TOTAL (GUARANTEED AND STATE)													
		2,761	24,60,235	201	12,661	27,56,506	213	6,25,99,756	290	6,36,59,745	280	10,59,589	...
GROSS ESTIMATED EXPENSES													
		...	...	...	...	...	...	2,98,01,717	141	3,08,17,400	140	...	...
NET RECEIPTS													
		...	...	...	...	...	...	3,27,88,039	155	3,28,21,945	149	83,906	...
Assisted Companies.													
4th August, 1888	Bengal and North-Western	376	29,990	80	376	30,210	80	7,95,901	122	9,22,420	144	1,26,528	...
11th ditto	Tirakeswar	22	4,116	108	22	4,093	220	97,108	257	1,05,740	280	8,381	...
4th ditto	Rohilkhand-Kumaon	67	5,433	81	67	6,240	93	1,17,902	104	1,23,182	108	5,220	...
14th July, 1888	Dibru-Sadiya	...	(h)	...	...	(h)	...	(i) 1,30,199	109	(j) 1,26,977	109	...	3,219
	TOTAL	465	39,839	86	465	41,353	89	11,41,227	122	12,78,337	138	1,37,110	...
Native States.													
4th August, 1888	The Nizam's (Guaranteed Company)	268	25,732	124	277	34,692	126	5,34,601	149	5,68,567	168	...	26,934
4th ditto	The Gaekwar's	59	1,680	29	59	1,440	24	57,937	57	50,333	50	...	7,344
4th ditto	The Gaekwar's Moh-sina-Vadnagar	21	522	25	21	600	31	12,888	35	16,888	47	4,003	...
4th ditto	Bhavnagar-Gondal	193	10,164	53	193	11,609	61	4,00,027	123	3,65,402	111	...	43,565
4th ditto	Morvi	65	1,786	26	68	2,008	31	58,745	51	69,950	61	11,305	...
4th ditto	Jodhpore	124	5,816	47	124	6,200	50	1,24,706	57	1,31,615	62	8,909	...
	TOTAL	673	45,700	68	742	56,779	76	11,95,501	103	11,43,815	91	...	52,686

(a) Includes the Cawnpore-Achnera State Railway.

(b) Includes the Katoolia State Railway.

(c) Includes the Bellary-Kotna State Railway.

(d) Includes the Amritsar-Patankot and Rajpura-Patitla State Railways.

(e) Includes the Northern Bengal, Dacca, Kaunia-Dharila and Assam-Bihar State Railways.

(f) Traffic stopped on account of breach of line.

(g) Total receipts from 1st April to 2nd July, 1888.

(h) Return not received.

(i) Total receipts from 1st April to 16th July, 1887.

(j) Total receipts from 1st April to 14th July, 1888.

SIMLA 23rd August, 1888.

M. C. BRACKENBURY, Major, R.E.,
Under-Secretary.

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SUPPLEMENT TO
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OFFICIAL PAPERS.

A SUPPLEMENT to the GAZETTE OF INDIA will be published from time to time, containing such Official Papers and information as the Government of India may deem to be of interest to the Public, and such as may usefully be made known. The Debates of the Legislative Council of His Excellency the Governor General will in future be published in PART VI of the GAZETTE.

Non-Subscribers to the GAZETTE may receive the SUPPLEMENT separately on a payment of five Rupees per annum if delivered in Calcutta, or eight Rupees if sent by Post. The SUPPLEMENT and PART VI of the GAZETTE can also be subscribed for separately on a payment of Rupees six per annum if delivered in Calcutta or Rupees nine if sent by Post.

No Official Orders or Notifications, the Publication of which in the GAZETTE OF INDIA is required by Law, or which it has been customary to publish in the CALCUTTA GAZETTE, will be included in the SUPPLEMENT. For such Orders and Notifications the body of the GAZETTE must be looked to.

GOVERNMENT OF INDIA.
DEPARTMENT OF FINANCE AND COMMERCE.

RETAIL PRICES FOR THE 2ND HALF OF JULY 1888.

(See Supplement to the Gazette of India, dated 25th August 1888.)

QUANTITIES PER RUPEE IN SERS OF 30 TOLAS.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																														
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														WHEAT.		BARLEY.		RICE, BEST SORT.		RICE, COMMON.		JOWAR OR CHOLU (<i>Sorghum vulgare</i>).		BAJRA OR CUMBU (<i>Pennisetum typhoides</i>).		NARUA OR RAGI (<i>Eleusine indica</i>).		KANGNI OR KAKUN, ITILIAN MILLET (<i>Setaria italica</i>).		GRAM, CHENNA, KADLAY OR SUNAGA (<i>Cicer arietinum</i>).		MAIZE (<i>Zea Mays</i>).		ARHAR OR TURP CANNIA (<i>Cassia indica</i>).		FIREWOOD.		SALT.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																								
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DEPARTMENT OF FINANCE AND COMMERCE,
(Statistical Branch).

E. J. SINKINSON,
Offg. Secretary to the Government of India.

GOVERNMENT OF INDIA.

REVENUE AND AGRICULTURAL DEPARTMENT.

**Weather Review of India for the week ending 8 a.m. on
Monday, August 27th, 1888.**

Strongly marked monsoon conditions have prevailed over India during the past week. These conditions reached their maximum intensity on the 24th, after which they gradually fell off, and at the close of the week the weather was much less rough and unsettled than it had been previously. Between the 21st and the close of the week a small storm was formed at the head of the Bay and travelled inland as far as Chota Nagpur. It had the usual characteristics of the storms which are formed during the south-west monsoon period, but was very much more severe than any of the previous storms this year. It occasioned exceedingly heavy rain in its immediate neighbourhood, and was accompanied with very strong winds and rough weather.

Over the greater part of the Punjab and Rajputana rain has been of almost daily occurrence, and in Sind rain fell on the 21st, 22nd and 23rd. In consequence there has been a brisk fall of temperature over these regions, and except in Upper Sind the maxima have been very much lower than in the previous weeks.

On the morning of the 20th the Chart showed two well marked depressions. One had its centre near Neemuch, the other its centre to the south of Saugor Island. Around each of these disturbances there existed a well marked cyclonic circulation of the wind. A strong monsoon was blowing across the West Coast and thence into the central parts of the country, while the Bay monsoon blowing with moderate force passed round the eastern side of the Bengal depression and thence passed into Upper India, travelling as a south-easterly wind up the Gangetic plain as far as the Indus. Except in Sind and some parts of Madras, rain was falling in all parts of the Indian region, the largest amounts being 2½ inches at Dacca, 3½ inches at Goa, and 7 inches at Mount Abu. Temperature had fallen briskly, except over the central parts of the country, Guzerat, &c. The highest maximum was 110° at Jacobabad. By the 21st the disturbance which on the previous day had been reported from Neemuch had reached the Runn of Cutch, while the Bengal disturbance had passed northward to the neighbourhood of Dacca and almost filled up. The cyclonic circulation around the Cutch depression was very distinct, while that around the Bengal depression was feeble and indistinct. Northerly breezes were reported from Lower Bengal, indicative of the formation of a fresh disturbance at the head of the Bay. Except in parts of the Punjab and Madras, rain was general, and in places heavy. Three inches fell at Berhampore, two-and-a-quarter at Calicut, three-and-a-half at Nagpur, three at Jubbulpore, and six-and-a-half at Deesa. On the 22nd a fresh and rather deep depression was shown over the head of the Bay, while the disturbance which was crossing Cutch on the previous day had almost filled up. A strong and rising cyclonic circulation of the winds prevails around the Bengal depression, and a strong indraught of south-west monsoon winds prevailed along the whole length of the West Coast. Except in Madras, rain continued general. At Diamond Island and Akyab 3 inches had fallen; at Saugor Island 5 inches; at False Point 2½ inches; and at Cuttack 3½ inches. Temperature had decreased very generally. The Chart of the 23rd showed that the Cutch depression had entirely disappeared, while the Bengal depression had, on the contrary, developed considerably. The centre of the disturbance was apparently near Saugor Island, where pressure was about 0.25" below the normal. The cyclonic circulation around the Bengal depression was very strong, and a vigorous monsoon current was also blowing across the Bombay Coast and into the central parts of the country. Rain had fallen generally, except in the Indus Valley and the eastern side of the Peninsula. The heaviest amounts were 6 inches at False Point, 7 inches at Cuttack, 3 inches at Darjeeling, 5 inches at Sialkot. On the 24th the centre of the Bengal depression had advanced north-westward, and lay near Burdwan. Within the centre

pressure was probably about $\frac{1}{8}$ of an inch below the normal. Very strong winds circulated around the centre of depression, the velocity of the south-south-west wind at Saugor Island being as much as 62 miles per hour at 8 A.M. Except in Madras and the Indus Valley, rain had been very general. At Saugor Island, 14 inches fell; at Calcutta, 5 inches; at False Point, $2\frac{1}{2}$ inches; at Sialkot, $2\frac{1}{2}$ inches; and at Mount Abu, $4\frac{1}{2}$ inches. Temperature had generally risen. The Chart of the 25th showed that the depression had continued to move slowly north-westward, and that the centre lay to the west of Berhampore. It was apparently filling up, and the winds around the disturbance were less strong than on the previous day. The monsoon current on the West Coast was weaker than on the 24th, and the winds were feeble and irregular in Upper India. Rain was less general than during some preceding days, the weather being merely showery in Upper India, the central parts of the country, and the east of the Peninsula. Large falls were reported from several stations, the most important being 6 inches at Calcutta, and $3\frac{1}{2}$ inches at Darjeeling and at Ratnagiri. On the 26th the Bengal depression had to a large extent filled up. Gradients had become generally slighter, and the weather had a more settled appearance over a large part of the country. The winds were generally moderate in force, both in Bengal and on the Bombay side. Rain remained fairly general. The largest amounts reported were $2\frac{1}{2}$ inches at Hazaribagh and Mount Abu, and $3\frac{1}{2}$ inches at Madura.

The following report, referring to the conditions over the Arabian Sea during the past week, was kindly telegraphed by the P. & O Agent, Bombay: "Between Aden and Bombay light to moderate monsoon prevailed, with fine weather. Rain fell on approaching coast. Barometer normal." From this report it would appear that the monsoon current is less strong than it was in the previous week, and that the weather is generally quieter.

The rainfall table at the close of the summary shows that heavy rains have been experienced over nearly the whole country. Thirty-three of the meteorological divisions report an excess for the week and only sixteen a defect. The regions reporting deficiencies are the Assam Valley, Bengal (North), the North-West Provinces (East, North, and Submontane), Mysore, Khandeish, the Berars, the Central Provinces (East), Central India (East), and the east of the Peninsula. Of these sixteen districts, the deficiency in eight is less than half an inch, and hence is generally unimportant. The greatest excess of rain is reported from those districts which were under the influence of the depressions noticed in the preceding portion of the summary. Thus in Arakan and Deltaic Bengal the excess equalled 6 inches; in Orissa, 7 inches; in Guzerat and Kattiawar, 2 inches; and in Rajputana (West), 9 inches. In the Eastern Peninsula, except at a few places in Upper Burma, rain fell on every day of the week, but, except at Kyaukpyu where 15 inches and at Sandoway where 16 inches fell, the amounts were not large. In East and Deltaic Bengal rain was heavy and continuous. In Assam the weather was only showery. Heavy rain fell over Central Bengal, Orissa, Chota Nagpur, and Behar; but in North Bengal the amounts were generally not large. In the North-Western Provinces rain fell almost daily. The maximum amounts were between 1 and 4 inches, and the rainfall, as a whole, differed but little from the normal. In the Punjab, though there was much fine weather, there were several heavy showers, and the rainfall generally was excessive. Malabar, the West Coast, and the Deccan, all had fair rainfall without any excessive falls; but the Berars and Khandeish had less than the normal amount. In the Central Provinces the maximum falls varied between 3 and 5 inches. In Guzerat and Kattiawar the early part of the week was very wet, and several abnormally large falls were registered. Central India (East) had moderate rain; but Central India (West) and Rajputana (East and West) had very heavy rainfall. The east of the Peninsula had generally light rainfall, with occasional heavy showers.

The concluding column of the table shows the present condition of the seasonal rainfall. In 22 divisions there is an excess, and at 27 there is still a deficiency, in the rainfall of the season. At the majority of these divisions however, except those in the west and south of the Punjab and in the east of the Peninsula, the amount of the deficiency is generally trifling.

Province.	Division.	RAINFALL DATA FOR WEEK ENDING 27th AUGUST, 1888.			RAINFALL DATA FROM MAY 14th TO 27th AUGUST, 1888.		
		Average actual rainfall of division.	Average nor- mal rainfall of division.	Excess or defect, in Inches.	Average actual rainfall of season to date.	Average nor- mal rainfall, May 14th to August 27th, 1888.	Excess or de- fect of (season- al) rainfall expressed as a per- centage.
		Inches.	Inches.	Inches.	Inches.	Inches.	Per cent.
BURMAH	Tenasserim	8.40	8.01	+0.39	171.27	112.52	+ 52
	Lower Burma	6.52	4.08	+2.44	62.18	67.30	- 8
	Central do.	4.98	3.50	+1.48	55.07	54.37	+ 1
	Upper do.	2.98	?	?	30.29	?	?
	Arakan	12.08	6.68	+5.40	129.68	141.58	- 8
BENGAL AND ASSAM...	Eastern Bengal	6.34	3.53	+2.81	49.42	60.64	- 19
	Assam (Surma)	5.15	4.76	+0.39	94.70	85.52	+ 11
	Do. (Brahmaputra)	1.79	3.69	-1.90	47.85	53.20	- 10
	Deltaic Bengal	8.92	2.74	+6.18	41.1	37.05	+ 10
	Central do.	5.85	2.92	+2.93	35.63	36.00	- 1
	North do.	3.80	4.26	-0.46	58.81	68.48	- 14
	Orissa	9.73	2.40	+7.33	31.00	33.43	- 4
	Chota Nagpur	5.79	2.98	+2.81	26.8	35.04	- 5
	Behar (South)	5.03	2.90	+2.13	29.75	28.79	+ 3
	Do. (North)	3.09	2.45	+0.64	31.13	31.81	- 2
NORTH-WESTERN PROVINCES AND ODHIS.	North-Western Provinces (East).	2.29	2.42	-0.13	29.93	45.43	+ 18
	Oudh (South)	2.01	2.00	+0.01	20.40	21.91	+ 23
	Do. (North)	1.92	2.41	-0.49	28.83	20.71	+ 8
	North-Western Provinces (Central).	2.51	1.73	+0.78	35.36	21.16	+ 67
	North-Western Provinces (West).	2.41	1.71	+0.71	22.06	21.15	+ 4
	North-Western Provinces (Submontane).	1.59	2.12	-0.53	30.49	27.09	+ 13
PUNJAB	Punjab (South)	1.61	0.82	+0.79	6.78	10.01	- 32
	Do. (Central)	1.58	1.19	+0.39	13.31	10.31	+ 18
	Do. (Submontane)	4.07	1.25	+2.82	20.66	10.36	+ 8
	Do. (Hill Districts)	4.17	2.73	+1.44	41.51	35.01	+ 18
	Do. (North-West)	3.17	0.97	+2.20	10.54	14.37	- 27
	Do. (West)	1.30	0.28	+1.02	3.07	5.53	- 44
BOMBAY AND MALA- BAR COAST DIS- TRICTS (MADRAS).	Malabar	6.50	3.72	+2.78	110.19	80.66	+ 23
	Madras (South Central)	0.89	0.83	+0.06	16.31	10.47	+ 51
	Coorg	5.88	4.95	+0.93	87.59	97.13	- 10
	Mysore	0.22	1.32	-1.10	5.35	15.62	- 66
	Konkan	6.41	3.63	+2.78	99.89	78.11	+ 28
	Bombay, Deccan	1.55	1.42	+0.13	20.39	21.30	- 5
	Hyderabad (North)	...	...	...	...	...	...
	Khandeish	1.32	1.33	-0.01	11.88	15.28	- 22
CENTRAL PROVINCES AND BERRARS.	Berrars	1.47	1.76	-0.29	22.12	22.77	- 3
	Central Provinces (West)	2.07	1.91	+0.16	24.15	28.12	- 14
	Ditto (Central)	3.70	2.59	+1.11	37.27	37.60	- 1
	Ditto (East)	1.09	3.37	-2.28	31.55	34.34	- 8
BOMBAY (NORTH) ...	Guzerat	3.86	1.80	+2.06	20.23	27.36	- 26
	Kathiawar	2.87	0.38	+2.49	13.18	13.52	- 3
	Sind	2.06	0.26	+1.80	10.99	3.17	+ 69
RAJPUTANA AND CENTRAL INDIA.	Central India (East)	1.82	1.83	-0.01	27.75	22.25	+ 25
	Rajputana (East), Central	4.07	1.89	+2.18	18.59	10.45	+ 13
	India (West).	...	...	...	...	...	...
	Rajputana (West)	10.18	0.64	+9.54	14.49	9.28	+ 56
MADRAS	East Coast (North)	0.73	1.39	-0.66	11.77	16.68	- 29
	Hyderabad (South)	0.06	1.40	-1.34	9.52	15.69	- 39
	Madras (Central)	0.15	0.73	-0.58	6.76	11.25	- 40
	East Coast (Central)	0.33	1.22	-0.89	15.53	11.78	+ 32
	Ditto (South)	0.75	1.08	-0.33	9.31	8.86	+ 5
	Madras (South)	0.27	0.53	-0.26	2.82	4.60	- 39

W. L. DALLAS,

SIMLA, 27th August, 1888.

for Offg. Meteorological Reporter to the
Government of India.

E. C. BUCK,

Secretary to the Government of India.

GOVERNMENT OF INDIA.

REVENUE AND AGRICULTURAL DEPARTMENT.

Weekly Report on the State of the Season and Prospects of the Crops.

Madras.—*For week ending 25th August, 1888.*—Rainfall general, good on the West Coast, and poor in Madura, Trichinopoly, Coimbatore, Tinnevely, Bellary, Anantapur, and Kurnool. Crops generally fair, but withering in Madura, Salem, and in parts of Vizagapatam, Anantapur, Bellary, Kurnool and Tinnevely. Want of rain much felt in these districts and in parts of Ganjam, Cuddapah, North Arcot, Coimbatore and Trichinopoly. Agricultural operations progressing fairly. Prices generally rising where not stationary. General prospects fair, but not so favourable in Madura, Salem, and in parts of Anantapur, Vizagapatam, and Bellary.

Bombay.—*For week ending 29th August, 1888.*—Rain throughout Presidency Proper and Sind. Total fall insufficient in parts of Ahmedabad, throughout Ahmednagar, Sholapur and Bijapur, in four talukas of Surat and Poona, in three of Khandesh and Satara, in six of Nasik, two of Dharwar, and in the north-east talukas of Belgaum. Standing crops suffering for want of moisture in Sholapur and Ahmednagar and in parts of Poona and Nasik, and injured by excessive rain in parts of Belgaum, Dharwar and Kanara. Transplantation in progress in parts of Karachi, Hyderabad, Ahmedabad, Kaira, Surat, Nasik, Thana, and Baroda. Sowing of cotton commenced in parts of Belgaum and Dharwar. Fodder scarce in parts of Khandesh, Nasik, Ahmednagar, and Sholapur. Want of water felt in one taluka of Upper Sind Frontier and in parts of Sholapur.

Bengal.—*For week ending 28th August, 1888.*—Copious rain with high wind over the whole Province. The rain was exceptionally heavy in Orissa, and in parts of South-West and East Bengal, where the rice crops have been submerged in many places. Transplantation of late rice is almost over. Early rice and jute harvests are proceeding. In Behar the *bhadoi* crops are doing well, but on the banks of the Ganges they have suffered from inundation. Sugarcane promises to be a good crop. In Khurdah great distress exists among labouring classes, and relief is being given gratuitously and by way of tucra advances and works.

North-Western Provinces and Oudh.—*For week ending 29th August, 1888.*—Rain continued during the week throughout the Provinces, and a break is now generally needed. Crops in low lands have suffered considerably, but otherwise prospects of the *kharif* are good. Rice is being transplanted, and indigo cutting has begun. Supplies are sufficient, and prices steady. The general condition of agricultural stock continues favourable.

Punjab.—*For week ending 29th August, 1888.*—Rainfall general, except at Peshawar. Prices fluctuating in Mooltan, rising in Delhi, Umballa, Amritsar, Rawalpindi and Shahpur, falling in Sialkot and Lahore, and stationary elsewhere. Ploughings for and sowings of *kharif* crops completed. Weeding finished in Umballa, and in progress in Jullundur. Ploughings for *rabi* commenced in Jullundur, Ferozepore, Lahore, and Shahpur. More rain wanted at Hissar. *Kharif* crops flourishing, and are in fair condition. Prospects of standing crops are reported good. No damage done to crops. Stock cattle are reported healthy. Fodder generally sufficient, but scarce in Dera Ismail Khan.

Central Provinces.—*For week ending 29th August, 1888.*—Rainfall somewhat deficient in parts of the Hoshangabad and Bilaspur districts; elsewhere weather seasonable. *Jowari*, rice, and cotton thriving; but in Sambalpur rice attacked by insects. Prospects generally favourable. Cattle in good condition.

Burma.—*For week ending 25th August, 1888.*—Agricultural operations making rapid progress both in Upper and Lower Burma. In Tharrawaddy and Thongwa crops have been attacked by rats and insects, and slight damage has been done to crops in Moulmein and Shwegyin by floods and heavy rains. Heavy floods also in Kyaukse have damaged crops. Two-thirds of planted area in Toungoo flooded, but no damage reported. Flood subsiding. Scarcity of food prevails in Sandoway, the Karen Hills, and the northern part of the Toungoo district. The rainfall was satisfactory in both Upper and Lower Burma. The price of paddy was stationary, except in Mandalay, where it rose, and in Kyaukse, where it fell. In Lower Burma the price rose very much in Sandoway, owing doubtless to the scarcity of food supply, and slightly in Rangoon, Bassein, Thayetmyo and Shwegyin; elsewhere prices were stationary.

Assam.—*For week ending 29th August, 1888.*—Weather seasonable. Rain wanted in Lakhimpur, Nowgong and Kamrup. Reaping of early rice almost over. Transplanting of late rice still continues. Late potato crop being planted in the Khasi Hills. Tea doing well.

Mysore and Coorg.—*For week ending 29th August, 1888.*—Rainfall good in parts of the Shimoga and Kadur districts. Crops generally in fair condition. Prospects dependent on rain throughout the State, except in Shimoga district, where dry crops are reported to have been damaged by excessive rain. Sowing operations still delayed in parts of the Hassan district for want of rain.

Some rain in Coorg during the week. Rice planting nearly completed.

Berar and Hyderabad.—*For week ending 29th August, 1888.*—Slight rain during the week. *Kharif* crops in good condition. Weeding continued. Agricultural stock good. Fodder and water sufficient. Prices almost stationary.

Slight rain in Hyderabad during the week. Agricultural prospects fair. Prices stationary.

Central India.—*For week ending 29th August, 1888.*—Rainfall general, but scanty in Indore, and needed in Kuksi Bhopawar. Condition of crops improved in Bundelkhand, but indifferent in Baghelkhand, where outturn is below average. Prices of foodgrains falling in Neemuch.

Rajputana.—*For week ending 29th August, 1888.*—Rainfall generally good. Agricultural operations satisfactory. Standing crops good. Agricultural stock good. Pasturage or fodder sufficient. Prices steady generally.

Nepal.—*For week ending 23rd August, 1888.*—Slight rain. Prospects good.

E. C. BUCK,

Secretary to the Government of India.

GOVERNMENT OF INDIA.
PUBLIC WORKS DEPARTMENT.
RAILWAY TRAFFIC.

No. XVIII. OF 1888-89.

APPROXIMATE STATEMENT OF GROSS RECEIPTS AND EXPENSES OF INDIAN RAILWAYS.

N.B.—As regards the figures in column *Total Receipts from 1st April to date*, audited figures have been used as far as possible.

Latest Return received.	RAILWAYS.	Total mean length open.	RECEIPTS FOR WEEK ENDING 6TH AUGUST, 1888.		Total mean length open.	RECEIPTS FOR WEEK ENDING 11TH AUGUST, 1888.		TOTAL RECEIPTS FROM 1ST APRIL TO 6TH AUGUST, 1888.		TOTAL RECEIPTS FROM 1ST APRIL TO 11TH AUGUST, 1888.		Total increase in 1888-89.
			Total.	Per mile open.		Total.	Per mile open.	Total.	Per mile open per week.	Total.	Per mile open per week.	
			Rs.	Rs.		Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	
<i>State Lines worked by Companies.</i>												
18th August, 1888	East Indian	1,510	6,35,730	419	1,514	6,36,005	430	1,62,58,440	505	1,54,57,763	504	...
18th ditto	Rajputana-Malwa (a)	1,004	1,95,716	118	1,004	2,00,000	120	50,41,511	105	64,00,372	219	5,17,811
18th ditto	Sindia	75	5,725	77	75	5,124	69	1,41,470	110	1,38,250	103	...
18th ditto	Patna-Gya	57	6,154	122	57	7,050	123	1,95,418	150	1,48,008	145	...
11th ditto	Bengal-Nagpur (b)	186	11,207	60	186	18,204	98	50,31,215	100	6,08,740	182	45,534
18th ditto	Dildarnagar-Ghaziipur	12	684	54	12	603	53	18,300	84	16,308	96	1,021
11th ditto	Mysore	140	9,044	64	140	9,071	64	1,78,444	70	1,85,862	74	7,418
11th ditto	Southern Mahratta (c)	705	52,800	68	705	72,110	85	11,10,850	92	14,51,588	94	3,15,272
4th ditto	Indian Midland	42	905	24	42	12,173	60	56,308	73	2,85,013	110	2,28,704
11th ditto	Cuddapah-Nellore	...	...	...	...	4,180	50	...	...	8,630	56	8,391
11th ditto	Bareilly-Pilibhet	36	1,121	31	36	1,289	36	32,730	51	28,000	45	...
11th ditto	Lucknow-Sitapur-Shriraman	85	2,074	34	105	3,402	33	72,875	50	92,701	40	19,916
	TOTAL	4,581	9,23,384	202	4,858	10,02,970	206	2,43,54,301	300	2,48,44,386	284	3,89,025
<i>State Lines worked by Government.</i>												
18th August, 1888	North-Western (d)	2,004	2,87,884	137	2,411	4,14,107	172	73,14,057	191	85,28,532	107	12,13,575
11th ditto	Wardha Coal	45	11,214	260	45	18,350	342	2,08,544	320	2,01,008	323	...
18th ditto	Bengal Central	145	9,702	78	123	10,335	83	2,31,358	100	4,10,580	94	...
11th ditto	Eastern Bengal Railways (e)	645	1,67,015	250	672	2,06,832	308	25,20,126	223	27,05,685	223	1,15,050
18th ditto	Nalhati	27	1,878	69	27	1,034	60	32,700	72	33,885	68	805
18th ditto	Tinnet	249	44,843	160	259	23,514	61	6,00,520	134	6,10,024	133	18,415
4th ditto	Burina	333	49,038	147	302	47,171	121	10,50,330	175	10,54,123	155	4,086
11th ditto	Jorhat	26	700	30	25	1,157	45	17,405	34	10,740	38	2,381
11th ditto	Cherra-Companyganj	7	20	4	7	34	5	710	6	1,174	9	414
	TOTAL	3,554	5,52,028	136	3,903	7,20,613	182	1,21,05,010	186	1,34,33,710	189	13,27,801
<i>Lines worked by Guaranteed Companies.</i>												
11th August, 1888	Madras	831	1,56,481	188	842	1,63,008	104	20,78,024	190	28,09,050	191	...
11th ditto	South Indian	984	88,353	135	934	98,137	151	18,80,332	185	19,51,551	160	97,102
11th ditto	Great Indian Peninsula	1,497	4,34,349	291	1,497	5,71,511	382	1,69,72,131	580	1,62,40,037	602	1,77,300
18th ditto	Bombay, Baroda and Central India	461	1,30,702	284	461	1,40,000	317	49,07,441	503	45,04,070	554	...
11th ditto	Oudh and Rohilkhand	680	91,709	134	693	98,207	130	24,15,358	100	25,25,507	202	1,00,040
	TOTAL	4,129	9,01,709	218	4,147	10,70,053	258	83,17,011	375	1,22,10,430	378	...
GRAND TOTAL. (GUARANTEED AND STATE)												
		12,261	23,78,271	104	12,608	27,93,636	215	6,40,77,088	292	6,04,07,535	285	15,10,547
GROSS ESTIMATED EXPENSES												
		...	...	...	...	...	...	3,14,37,083	141	3,28,36,846	141	...
NET RECEIPTS												
		...	...	...	...	...	...	3,35,40,005	151	3,36,60,689	144	1,10,754
<i>Assisted Companies.</i>												
11th August, 1888	Bengal and North-Western	376	23,022	64	376	31,260	83	8,19,823	110	9,50,345	140	1,30,522
18th ditto	Tarakeshwar	22	3,928	177	22	4,124	185	1,01,000	252	1,00,873	274	8,777
11th ditto	Rohilkhand-Kumaon	67	5,158	77	67	5,700	85	1,23,120	102	1,20,167	107	6,047
4th ditto	Dibru-Sadiya	78	8,505	100	78	8,788	113	1,55,378	109	1,54,206	110	...
	TOTAL	543	41,513	76	543	49,872	92	11,99,417	121	13,43,681	137	1,44,204
<i>Native States.</i>												
4th August, 1888	The Nizam's (Guaranteed Company)	208	23,361	136	277	34,007	126	5,62,062	148	5,43,474	109	...
18th ditto	The Gaskwar's	59	3,088	52	59	6,310	22	60,725	56	51,503	40	...
18th ditto	The Gaskwar's Meh-sana-Vadnagar	21	300	14	21	800	38	13,185	34	17,404	46	4,309
11th ditto	Bhavnagar-Gondal	105	10,268	53	103	13,500	70	4,19,005	110	3,80,408	110	...
11th ditto	Morvi	68	2,175	32	68	2,877	42	60,820	50	73,001	60	12,241
18th ditto	Jodhpore	124	5,917	48	124	5,900	48	1,28,023	57	1,37,741	62	9,118
	TOTAL	673	45,109	67	742	59,214	80	12,45,610	102	12,03,801	90	...

(a) Includes the Cawnpore-Achnera State Railway.

(b) Includes the Katni-Umaria State Railway.

(c) Includes the Bellary-Kistna State Railway.

(d) Includes the Amritsar-Patankot and Rajpura-Patnala State Railways.

(e) Includes the Northern Bengal, Dacca, Kaunia-Dharilla and Assam-Bahar State Railways.

M. C. BRACKENBURY, Major, R.E.,

Under-Secretary

SIMLA, 30th August, 1888.



SUPPLEMENT TO The Gazette of India.

No. 36.} CALCUTTA. SATURDAY, SEPTEMBER 8, 1888.

OFFICIAL PAPERS:

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GOVERNMENT OF INDIA. PUBLIC WORKS DEPARTMENT. RAILWAY TRAFFIC.

RETURNS OF ACCIDENTS ON INDIAN RAILWAYS FOR THE FOURTH QUARTER OF 1887.

No. 886 R. T., dated Simla, the 20th August 1888.

RESOLUTION—By the Government of India, Public Works Department.

Read again—

Public Works Department Resolution No. 625	R.T., dated 2nd June 1883.
" " " "	485 R.T., dated 2nd June 1884.
" " " "	559 R.T., dated 20th June 1885.
" " " "	570 R.T., dated 10th June 1886.
" " " "	764 R.T., dated 29th June 1887.
" " " "	379 R.T., dated 23rd March 1888.

Read also—

Director General of Railways' No. 125 T., dated 30th June 1888, forwarding the Abstract Returns of Accidents to Trains, &c., on the open lines of Railways in India for the quarter ending 31st December 1887.

OBSERVATIONS.—In this review the procedure hitherto adopted has been modified, and the number of accidents which occurred during the quarter is compared with the average number in the corresponding quarters of five previous years, instead of being contrasted, as has hitherto been the practice, with the number which happened during the corresponding quarter of the previous year.

This procedure has been introduced because it was considered that an average of five quarters gave a better basis for comparison than the returns of one individual quarter.

A tabulated statement has also been added * in which the accidents during the year 1886 are compared with those which occurred in England the same year.

* See Table No. 5.

The number of minor accidents is greater in India; but the Casualties in India compare favourably with the results under this head from English working.

2. Compared thus with the average of five previous quarters, the number of accidents to trains, rolling-stock, permanent-way, &c., shows a decrease of 64, or 10·21 per cent., against an increase of 2,534½ miles or 22·29 per cent., in the mean mileage open, and an increase of 1,370,805 miles, or 18·18 per cent., in the train mileage.

3. The following are the Railways on which the more important fluctuations occurred :—

RAILWAYS.	ACCIDENTS.				MEAN MILEAGES OPEN.		TRAIN MILEAGES.	
	Increase.	Decrease.	Percentage of increase.	Percentage of decrease.	Percentage of increase.	Percentage of decrease.	Percentage of increase.	Percentage of decrease.
Rajputana-Malwa . . . . .	...	32	...	35.16	11.94	...	3.24	...
North-Western . . . . .	...	83	...	48.54	33.19	...	5.78	...
Eastern Bengal . . . . .	...	10	...	14.08	22.46	...	37.86	...
South Indian	12	...	21.82	...	...	...	23.02	...
Great Indian Peninsula . . . . .	...	17	...	39.53	1.59	...	11.88	...
Dibru-Sadiya	14	...	93.33	...	150.00	...	143.64	...

4. The decrease on the Rajputana-Malwa Railway is due chiefly to the number of cattle accidents having been reduced from 40 to 29, "Failures of machinery, springs, &c., of engines" from 7 to 1, and "Broken rails" from 6 to 1. With a total decrease of 32 accidents or 35.16 per cent., the mean mileage increased by 179.85 miles or 11.94 per cent., and the train mileage by 29,351 miles or 2.24 per cent.

5. On the North-Western Railway, the principal decreases were under "Trains running over cattle on the line" 24 against 43, "The bursting of tubes, &c., of engines" 7 against 15, "The failure of machinery, springs, &c., of engines" 12 against 24, "Fire in trains" 9 against 25, and "Other accidents" 3 against 14. Although there was a decrease of 83 or 48.54 per cent. in the total number of accidents, 606.35 miles or 33.19 per cent. were added to the mean mileage, and 83,261 or 5.78 per cent. to the train mileage.

6. The chief variations on the Eastern Bengal Railways were under "Goods trains, &c., leaving the rails" 6 against 10; "Trains, &c., travelling in the wrong direction through points" 10 against 1; "Trains running over cattle on the line" 16 against 28; "Fire at stations, or involving injury to bridges or viaducts" 4 against 0. The total number of accidents shew a decrease of 10 or 14.08 per cent., whereas the mean mileage increased by 141.25 miles or 22.46 per cent., and the train mileage by 197,808 miles or 37.86 per cent.

7. The differences on the South Indian Railway were generally distributed over all the classes of accidents. The total shews an increase of 12 or 21.82 per cent. in the number of accidents, and an increase of 96,961 miles or 23.02 per cent. in the train mileage, the mean mileage worked being the same.

8. Cases of "Goods trains or parts of goods trains, engines, &c., leaving the rails" partly account for the decrease in the number of accidents on the Great Indian Peninsula Railway, 2 against 11; and it is partly attributable to 10 accidents happening under different classes during the corresponding periods of five previous years, whilst none occurred under these classes during the quarter under notice. There was a diminution of 17 or 39.53 per cent. in the number of accidents, and an increase of 23.55 miles or 1.59 per cent. in the mean mileage, and of 253,655 miles or 11.88 per cent. in the train mileage.

9. The casualties resulting from accidents to trains, &c., were, among passengers and others, 1 killed and 2 injured, against 2 killed and 11 injured; and among servants, 2 killed and 6 injured, against 2 killed and 8 injured. The high average number of passengers and others injured during the corresponding periods of previous five years is occasioned by three collisions which took place on the Eastern Section of the Eastern Bengal, Sind, Punjab and Delhi, and Southern Mahratta Railways on the 2nd and 18th of October 1884, and 16th November 1886, by which 14, 12 and 8 passengers respectively were injured.

10. Of the total casualties—3 killed and 8 injured—3 were killed on the Rajputana-Malwa, and 3 injured on the Great Indian Peninsula Railway, in three separate accidents on each; the remaining cases of injury being equally distributed over the East Indian, North-Western, Cherra-Companyganj, Bombay, Baroda and Central India, and Darjeeling-Himalayan Railways.

11. The following table exhibits the number of accidents under the different classes, during the 4th quarter of 1887, as compared with the corresponding

quarters of five previous years, and the number of persons killed and injured thereby:—

No.	CLASS.	Number of accidents	NUMBER OF PASSENGERS, GERM AND OTHERS.		NUMBER OF SERVANTS.		TOTAL ALL CLASSES.	
			Killed.	Injured.	Killed.	Injured.	Killed.	Injured.
1	Collisions between passenger trains or parts of passenger trains 1887	2	...	...	...	...	...	...
	Corresponding quarters of 5 previous years	2	...	...	...	...	...	...
2	Collisions between passenger trains and goods or mineral trains, engines and vehicles standing foul of the line 1887	12	...	...	...	...	...	...
	Corresponding quarters of 5 previous years	11	...	...	...	...	...	...
3	Collisions between goods trains or parts of goods trains 1887	13	...	...	...	...	...	...
	Corresponding quarters of 5 previous years	18	...	...	...	...	...	...
4	Collisions between light engines 1887	3	...	...	...	1	...	1
	Corresponding quarters of 5 previous years	3	...	...	...	...	...	...
5	Passenger trains or parts of passenger trains leaving the rails 1887	15	...	...	...	1	...	1
	Corresponding quarters of 5 previous years	17	...	...	...	...	...	...
6	Goods trains or parts of goods trains, engines, &c., leaving the rails 1887	85	...	...	...	2	...	2
	Corresponding quarters of 5 previous years	74	...	...	...	...	...	...
7	Trains or engines travelling in the wrong direction through points 1887	15	...	...	...	...	...	...
	Corresponding quarters of 5 previous years	12	...	...	...	...	...	...
8	Trains running into stations or sidings at too high a speed 1887	1	...	...	...	...	...	...
	Corresponding quarters of 5 previous years	3	...	...	...	...	...	...
9	Ditto over cattle on the line 1887	177	...	...	...	...	...	...
	Corresponding quarters of 5 previous years	205	...	...	...	...	...	...
10	Ditto over obstructions on the line 1887	16	...	1	...	...	...	1
	Corresponding quarters of 5 previous years	22	...	...	...	...	...	...
11	Ditto through gates at level crossings 1887	17	...	...	...	...	...	...
	Corresponding quarters of 5 previous years	10	...	...	...	...	...	...
12	The bursting of boilers of engines 1887	0	...	...	...	...	...	...
	Corresponding quarters of 5 previous years	0	...	...	...	...	...	...
12a	Ditto of tubes, &c., of engines 1887	16	...	...	...	1	...	1
	Corresponding quarters of 5 previous years	22	...	...	...	...	...	...
13	The failure of machinery, springs, &c., or engines 1887	38	...	...	...	...	...	...
	Corresponding quarters of 5 previous years	56	...	...	...	...	...	...
14	Ditto of tyres 1887	1	...	...	...	...	...	...
	Corresponding quarters of 5 previous years	4	...	...	...	...	...	...
15	Ditto of wheels 1887	2	...	...	...	...	...	...
	Corresponding quarters of 5 previous years	0	...	...	...	...	...	...
16	Ditto of axles 1887	10	...	...	...	...	...	...
	Corresponding quarters of 5 previous years	8	...	...	...	...	...	...
17	Ditto of brake apparatus 1887	0	...	...	...	...	...	...
	Corresponding quarters of 5 previous years	0	...	...	...	...	...	...
18	Ditto of couplings 1887	37	...	...	...	...	...	...
	Corresponding quarters of 5 previous years	34	...	...	...	...	...	...
19	Ditto of tunnels, bridges, viaducts or culverts 1887	0	...	...	...	...	...	...
	Corresponding quarters of 5 previous years	0	...	...	...	...	...	...
20	Broken rails 1887	7	...	...	...	...	...	...
	Corresponding quarters of 5 previous years	13	...	...	...	...	...	...
21	The flooding of portions of permanent-way 1887	11	...	...	...	...	...	...
	Corresponding quarters of 5 previous years	8	...	...	...	...	...	...
22	Slips in cuttings or embankments 1887	3	...	...	...	1	...	1
	Corresponding quarters of 5 previous years	5	...	...	...	...	...	...
23	Fire in trains 1887	28	...	...	...	...	...	...
	Corresponding quarters of 5 previous years	43	...	...	...	...	...	...
24	Fire at stations, or involving injury to bridges or viaducts 1887	14	1	...	...	...	1	...
	Corresponding quarters of 5 previous years	5	...	...	...	...	...	...
25	Other accidents 1887	45	...	1	1	1	1	2
	Corresponding quarters of 5 previous years	52	...	...	...	...	...	...
TOTAL 1887		563	1	2	2	6	3	8
Corresponding quarters of 5 previous years		627	2	11	2	8	4	19

12. The principal variations occurred under "Goods trains, &c., leaving the rails," 85 against 74, "Trains running over cattle" 177 against 205, "The failure of machinery, springs, &c., of engines" 38 against 56, and "Fire in trains" 23 against 43.

13. Accidents of "Goods trains, &c., leaving the rails" happened chiefly on the North-Western, Madras and Dibru-Sadiya Railways, the numbers being 13, 16, and 11 respectively.

14. Of the 177 cases of cattle accidents, 10 took place on the East Indian, 29 on the Rajputana-Malwa, 24 on the North-Western, 16 on the Eastern Bengal, 12 on the Madras, 27 on the South Indian, 15 on the Great Indian Peninsula, and 11 on the Oudh and Rohilkhand Railways. With the exception of the Great Indian Peninsula, 15 against 12, and the Oudh and Rohilkhand, 11 against 9, the number of cattle accidents was less on each Railway than during the corresponding quarters of five previous years, notably on the Rajputana-Malwa, North-Western, and Eastern Bengal Railways, as already referred to in paragraphs 4, 5 and 6.

15. The cases of "Failure of machinery, springs, &c., of engines" chiefly occurred on the North-Western 12, Eastern Bengal 8, Jorhat 5, and South Indian 6.

16. The greatest number of cases of "Fire in trains" took place on the North-Western, *viz.*, 9, but, as already pointed out in paragraph 5, this is considerably less than the average number which occurred during the corresponding quarters of the five previous years, *viz.*, 25.

17. Out of 45 accidents classed as "Other accidents" 26 happened on the Bombay, Baroda and Central India Railway.

18. The casualties to passengers, from causes other than accidents to trains, &c., were:—

CAUSE OF ACCIDENTS.	KILLED.		INJURED.	
	1887.	Corresponding quarters of 5 previous years.	1887.	Corresponding quarters of 5 previous years.
From falling between carriages and platforms.	1	2	4	2
Falling on to the platform, ballast, &c., when getting into or out of trains	3	3	2	4
Whilst crossing the line at stations	1	...	1	...
By closing of carriage doors	...	...	2	1
Falling out of carriages during the travelling of trains	7	2	11	15
Other accidents	2	1	6	3
TOTAL	14	8	26	25

19. The accidents to servants in the employ of Railways or of contractors, whilst performing duties connected directly with the transit of passengers and goods from causes other than accidents to trains, &c., were as follows:—

CAUSE OF ACCIDENTS.	KILLED.		INJURED.	
	1887.	Corresponding quarters of 5 previous years.	1887.	Corresponding quarters of 5 previous years.
During shunting operations	4	5	7	10
Falling off engines, vans, wagons, &c.	3	3	12	9
Coming in contact with over-bridges, &c., during the travelling of trains	1	...	...	1
Coming in contact, while shunting, with vehicles, &c., standing in adjoining lines	...	...	...	1
Getting on or off trains, engines, &c.	3	3	6	8
Whilst loading, unloading, or sheeting	3	1	17	11
Whilst braking, spragging or chocking wheels	...	...	2	...
Whilst working at cranes or capstans	1	...	...	1
Whilst working on the Permanent-way or in sidings	2	2	4	4
Whilst walking along the line on the way home or to work	3	2	3	1
Whilst walking, crossing or standing on the line	3	8	4	9
Whilst passing between vehicles	2	1	2	1
Whilst attending to the machinery of engines, cleaning them, &c.	...	...	2	4
Whilst attending to gates at level crossings	3	1	...	1
Falling or being caught between vehicles and platforms	...	1	1	2
Falling off ladders, scaffolds, platforms, &c.	...	...	4	4
By falling off lamps, wagons, doors, timber, weights, &c.	...	...	5	5
Whilst coupling or uncoupling wagons	3	3	9	6
Miscellaneous	4	5	25	17
TOTAL	35	35	103	95

20. Of other persons killed and injured by running trains, &c., viz., 61 killed and 15 injured, 4 were killed and 1 injured whilst passing over the line at level crossings; 46 were killed and 12 injured whilst trespassing on the line; 9 committed suicide; and two were killed and 2 injured from miscellaneous causes.

21. The following table shews the total number of persons killed and injured from causes connected with the working of trains, as compared with the corresponding quarters of five previous years:—

	4TH QUARTER, 1887.		CORRESPONDING QUARTERS OF 5 PREVIOUS YEARS.	
	Killed.	Injured.	Killed.	Injured.
PASSENGERS.				
From causes beyond their own control	1	1	2	11
„ misconduct or want of caution	14	26	8	25
SERVANTS.				
From causes beyond their own control		8	4	16
„ misconduct or want of caution	37	101	33	87
OTHERS.				
Whilst passing at level crossings	4	1	1	...
Trespasses, including suicides	55	12	86	9
Other persons	2	2	4	3
TOTAL	113	151	88	151
TOTAL OPEN MILEAGE	13,903½		11,369	
TOTAL TRAIN MILEAGE	11,772,362		10,401,557	

22. In addition to the above, 14 persons are reported to have been killed and 36 injured in yards, workshops, &c., and 160 persons to have met death in carriages, and at stations from causes unconnected with the working of trains.

RESOLUTION.—The Government of India observe with satisfaction that, with a large increase of open mileage and train mileage, there has been a considerable reduction in the percentage of accidents as compared with corresponding quarters in the five preceding years.

ORDER.—Ordered that this Resolution, with the Abstract Returns, be communicated, for information, to the Local Governments, Administrations and Officers noted on the margin.

The Governments of Madras, Bombay, Bengal, the North-Western Provinces and Oudh, and the Punjab.
The Chief Commissioners of the Central Provinces, Burma, and Assam.
The Resident at Hyderabad.
The Agents to the Governor General for Central India, Rajputana and Baluchistan
The Director General of Railways.
The Consulting Engineers to the Government of India for Railways, Calcutta, Lucknow and Central Division.

Ordered also that copies be forwarded for the information of Her Majesty's Government.

Ordered further that this Resolution, with the Abstract Returns, be published in the Supplement to the *Gazette of India*.

By order,

M. C. BRACKENBURY, Major, R.E.,

Under-Secretary.

Document accompanying.

Abstract Returns of Accidents on Indian Railways for the fourth quarter of 1887.

TABLE No. 1.

GENERAL TOTAL.

NUMBER of PERSONS reported during the Fourth Quarter of 1887 as KILLED or INJURED on the several RAILWAYS open for Traffic in INDIA; distinguishing between PASSENGERS, RAILWAY SERVANTS and OTHER PERSONS; and distinguishing also, in the case of the two former Classes, between ACCIDENTS happening from causes beyond their own control, and ACCIDENTS happening otherwise.

Mean Average open.	RAILWAYS.	PASSENGERS.				RAILWAY SERVANTS, OR SERVANTS OF CONTRACTORS.				OTHER PERSONS.				Totals Classes.
		From causes beyond their own control.		From their own misconduct or want of caution.		Total.		From causes beyond their own control.		From their own misconduct or want of caution.		Total.		
		Killed.	Injured.	Killed.	Injured.	Killed.	Injured.	Killed.	Injured.	Killed.	Injured.	Killed.	Injured.	
		From causes beyond their own control.	From their own misconduct or want of caution.	From causes beyond their own control.	From their own misconduct or want of caution.	From causes beyond their own control.	From their own misconduct or want of caution.	From causes beyond their own control.	From their own misconduct or want of caution.	From causes beyond their own control.	From their own misconduct or want of caution.	From causes beyond their own control.	From their own misconduct or want of caution.	
1,671	STATE IMPERIAL.													
1,722	East Indian	1	3	8	9	5	7	20	7	25	13	2	1	35
1,505		1	3	7	6	7	8	20	3	37	13	2	1	37
1,685	Rajputana-Malwa	...	1	3	3	...	...	3	5	6	...	...	...	9
142		...	2	3	3	...	...	7	7	8	2	3	...	11
149	Bengal-Nagpur	...	...	...	...	...	...	2	...	2	1	...	...	3
116		...	...	...	...	...	...	...	...	...	...	...	...	15
130	Mysore	...	...	...	...	...	...	1	...	1	2	...	...	3
189		...	...	...	...	...	...	...	...	...	...	...	...	1
773	Southern Mahratta	1	...	...	1	1	...	1	1	2	...	...	...	2
1,926		...	...	4	7	2	4	13	6	14	3	1	1	23
2,432	North Western	8	4	1	1	...	8	13	8	12	9	2	1	31
45	Wardha Coal	...	...	...	...	...	...	...	...	...	...	...	...	...
48		...	...	...	...	...	...	...	...	...	...	...	...	...
71	Katni-Umaria	...	...	...	...	...	...	...	...	...	...	...	...	...
37		...	...	...	...	...	...	...	...	...	...	...	...	...
...	STATE PROVINCIAL.													
...	Lucknow-Sitapur-Saharanpur	...	...	...	...	...	...	...	...	...	...	...	...	...
91		...	...	1	1	...	...	1	...	1	...	...	...	3
928	Eastern Bengal Railways	...	...	...	...	...	...	...	...	...	...	...	...	...
770		2	2	2	5	1	3	7	4	9	5	1	...	11
374	Nalhati	...	...	...	...	...	...	...	...	...	...	...	...	...
274		...	...	...	...	...	...	...	...	...	...	...	...	...
190	Tirhoot	...	...	...	...	...	...	...	...	...	...	...	...	...
251		...	...	...	...	...	...	...	...	...	...	...	...	...
348	Burma	...	...	...	...	...	...	...	...	...	...	...	...	...
327		...	...	1	1	...	1	1	1	1	1	1	...	3

18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100																		
100	101	102	103	104	105	106	107	108	109	110	111	112	113	114	115	116	117	118	119	120	121	122	123	124	125	126	127	128	129	130	131	132	133	134	135	136	137	138	139	140	141	142	143	144	145	146	147	148	149	150	151	152	153	154	155	156	157	158	159	160	161	162	163	164	165	166	167	168	169	170	171	172	173	174	175	176	177	178	179	180	181	182	183	184	185	186	187	188	189	190	191	192	193	194	195	196	197	198	199	200
100	101	102	103	104	105	106	107	108	109	110	111	112	113	114	115	116	117	118	119	120	121	122	123	124	125	126	127	128	129	130	131	132	133	134	135	136	137	138	139	140	141	142	143	144	145	146	147	148	149	150	151	152	153	154	155	156	157	158	159	160	161	162	163	164	165	166	167	168	169	170	171	172	173	174	175	176	177	178	179	180	181	182	183	184	185	186	187	188	189	190	191	192	193	194	195	196	197	198	199	200
100	101	102	103	104	105	106	107	108	109	110	111	112	113	114	115	116	117	118	119	120	121	122	123	124	125	126	127	128	129	130	131	132	133	134	135	136	137	138	139	140	141	142	143	144	145	146	147	148	149	150	151	152	153	154	155	156	157	158	159	160	161	162	163	164	165	166	167	168	169	170	171	172	173	174	175	176	177	178	179	180	181	182	183	184	185	186	187	188	189	190	191	192	193	194	195	196	197	198	199	200
100	101	102	103	104	105	106	107	108	109	110	111	112	113	114	115	116	117	118	119	120	121	122	123	124	125	126	127	128	129	130	131	132	133	134	135	136	137	138	139	140	141	142	143	144	145	146	147	148	149	150	151	152	153	154	155	156	157	158	159	160	161	162	163	164	165	166	167	168	169	170	171	172	173	174	175	176	177	178	179	180	181	182	183	184	185	186	187	188	189	190	191	192	193	194	195	196	197	198	199	200
100	101	102	103	104	105	106	107	108	109	110	111	112	113	114	115	116	117	118	119	120	121	122	123	124	125	126	127	128	129	130	131	132	133	134	135	136	137	138	139	140	141	142	143	144	145	146	147	148	149	150	151	152	153	154	155	156	157	158	159	160	161	162	163	164	165	166	167	168	169	170	171	172	173	174	175	176	177	178	179	180	181	182	183	184	185	186	187	188	189	190	191	192	193	194	195	196	197	198	199	200
100	101	102	103	104	105	106	107	108	109	110	111	112	113	114	115	116	117	118	119	120	121	122	123	124	125	126	127	128	129	130	131	132	133	134	135	136	137	138	139	140	141	142	143	144	145	146	147	148	149	150	151	152	153	154	155	156	157	158	159	160	161	162	163	164	165	166	167	168	169	170	171	172	173	174	175	176	177	178	179	180	181	182	183	184	185	186	187	188	189	190	191	192	193	194	195	196	197	198	199	200
100	101	102	103	104	105	106	107	108	109	110	111	112	113	114	115	116	117	118	119	120	121	122	123	124	125	126	127	128	129	130	131	132	133	134	135	136	137	138	139	140	141	142	143	144	145	146	147	148	149	150	151	152	153	154	155	156	157	158	159	160	161	162	163	164	165	166	167	168	169	170	171	172	173	174	175	176	177	178	179	180	181	182	183	184	185	186	187	188	189	190	191	192	193	194	195	196	197	198	199	200
100	101	102	103	104	105	106	107	108	109	110	111	112	113	114	115	116	117	118	119	120	121	122	123	124	125	126	127	128	129	130	131	132	133	134	135	136	137	138	139	140	141	142	143	144	145	146	147	148	149	150	151	152	153	154	155	156	157	158	159	160	161	162	163	164	165	166	167	168	169	170	171	172	173	174	175	176	177	178	179	180	181	182	183	184	185	186	187	188	189	190	191	192	193	194	195	196	197	198	199	200
100	101	102	103	104	105	106	107	108	109	110	111	112	113	114	115	116	117	118	119	120	121	122	123	124	125	126	127	128	129	130	131	132	133	134	135	136	137	138	139	140	141	142	143	144	145	146	147	148	149	150	151	152	153	154	155	156	157	158	159	160	161	162	163	164	165	166	167	168	169	170	171	172	173	174	175	176	177	178	179	180	181	182	183	184	185	186	187	188	189	190	191	192	193	194	195	196	197	198	199	200
100	101	102	103	104	105	106	107	108	109	110	111	112	113	114	115	116	117	118	119	120	121	122	123	124	125	126	127	128	129	130	131	132	133	134	135	136	137	138	139	140	141	142	143	144	145	146	147	148	149	150	151	152	153	154	155	156	157	158	159	160	161	162	163	164	165	166	167	168	169	170	171	172	173	174	175	176	177	178	179	180	181	182	183	184	185	186	187	188	189	190	191	192	193	194	195	196	197	198	199	200
100	101	102	103	104	105	106	107	108	109	110	111	112	113	114	115	116	117	118	119	120	121	122	123	124	125	126	127	128	129	130	131	132	133	134	135	136	137	138	139	140	141	142	143	144	145	146	147	148	149	150	151	152	153	154	155	156	157	158	159	160	161	162	163	164	165	166	167	168	169	170	171	172	173	174	175	176	177	178	179	180	181	182	183	184	185	186	187	188	189	190	191	192	193	194	195	196	197	198	199	200
100	101	102	103	104	105	106	107	108	109	110	111	112	113	114	115	116	117	118	119	120	121	122	123	124	125	126	127	128	129	130	131	132	133	134	135	136	137	138	139	140	141	142	143	144	145	146	147	148	149	150	151	152	153	154	155	156	157	158	159	160	161	162	163	164	165	166	167	168	169	170	171	172	173	174	175	176	177	178	179	180	181	182	183	184	185	186	187	188	189	190	191	192	193	194	195	196	197	198	199	200
100	101	102	103	104	105	106	107	108	109	110	111	112	113	114	115	116	117	118	119	120	121	122	123	124	125	126	127	128	129	130	131	132	133	134	135	136	137	138	139	140	141	142	143	144	145	146	147	148	149	150	151	152	153	154	155	156	157	158	159	160	161	162	163	164	165	166	167	168	169	170	171	172	173	174	175	176	177	178	179	180	181	182	183	184	185	186	187	188	189	190	191	192	193	194	195	196	197	198	199	200
100	101	102	103	104	105	106	107	108	109	110	111	112	113	114	115	116	117	118	119	120	121	122	123	124	125	126	127	128	129	130	131	132	133	134	135	136	137	138	139	140	141	142	143	144	145	146	147	148	149	150	151	152	153	154	155	156	157	158	159	160	161	162	163	164	165	166	167	168	169	170	171	172	173	174	175	176	177	178	179	180	181	182	183	184	185	186	187	188	189	190	191	192	193	194	195	196	197	198	199	200
100	101	102	103	104	105	106	107	108	109	110	111	112	113	114	115	116	117	118	119	120	121	122	123	124	125	126	127	128	129	130	131	132	133	134	135	136	137	138	139	140	141	142	143	144	145	146	147	148	149	150	151	152																																																

No. 2.

Traffic in INDIA, distinguishing between PASSENGERS, RAILWAY SERVANTS, and OTHER PERSONS, and classifying as far as ACCIDENTS occasioning the DEATH OR INJURY.

[illegible]

TABLE No. 3.

ACCIDENTS TO TRAINS, ROLLING-STOCK, PERMANENT-WAY, &c., reported during the Fourth Quarter of 1887 as having occurred on the several Railways open for Traffic in India, distinguishing the different Classes of ACCIDENTS, and the Number of PASSENGERS AND OTHERS, and of RAILWAY SERVANTS, KILLED OR INJURED in each Class of ACCIDENT.

SEE ALSO TABLE No. 4																									
STATE INDIAS.																									
EAST INDIA.						RAJPUTANA-MALWA.						BENGAL-NAGPUR.						MYSORE.				SOUTHERN MARATHA.			
No.	Number of Passengers and others.		Number of Servants.		Total all Classes.	No.	Number of Passengers and others.		Number of Servants.		Total all Classes.	No.	Number of Passengers and others.		Number of Servants.		Total all Classes.	No.	Number of Passengers and others.		Number of Servants.		Total all Classes.		
	Killed.	Injured.	Killed.	Injured.			Killed.	Injured.	Killed.	Injured.			Killed.	Injured.	Killed.	Injured.			Killed.	Injured.	Killed.	Injured.		Killed.	Injured.
1.	1																								
2.	2																								
3.	2																								
4.	1																								
5.																									
6.	6																								
7.	1																								
8.																									
9.	10																								
10.	4																								
11.																									
12.																									
13(a).	1																								
13(b).	1																								
14.	1																								
15.																									
16.																									
17.																									
18.	8																								
19.																									
20.	1																								
21.																									
22.	1																								
23.	2																								
24.	1																								
25.	1																								
TOTAL ALL CLASSES																									
Number of Passenger miles 238,061,281																									
" of Servants employed 24,480																									
" with mileage of all descriptions 4,199,610																									

1. Collisions between passenger trains, or parts of passenger trains	2. Collisions between passenger trains and goods or mineral trains, engines, and vehicles standing front of the line	3. Collisions between goods trains, or parts of goods trains	4. Collisions between light engines	5. Passenger trains, or parts of passenger trains, leaving the rails	6. Goods trains, or parts of goods trains, engines, &c., leaving the rails	7. Trains or engines travelling in the wrong direction through points	8. Trains running into stations or sidings at too high a speed	9. Ditto over cattle on the line	10. Ditto over obstructions on the line	11. Ditto through gates at level-crossings	12. The bursting of boilers of engines	13(a). Ditto of tubes, &c., of engines	13(b). The failure of machinery, springs, &c., of engines	14. Ditto of tyres	15. Ditto of wheels	16. Ditto of axles	17. Ditto of brake apparatus	18. Ditto of couplings	19. Ditto of tunnels, bridges, viaducts, culverts, &c.	20. Broken rails	21. The flooding of portions of permanent-way	22. Slips in cuttings or embankments	23. Fire in trains	24. Fire at stations, or involving injury to bridges or viaducts	25. Other accidents
1	2	2	1	...	6	1	...	10	4	1	1	1	...	2	1	1	1
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SEE ALSO TABLE NO. 4.													
STATE RAILWAYS—continued.													
NORTH WESTERN.													
No.	Number of Passengers and others.		Number of Servants.		Total All Classes.		No.	Number of Passengers and others.		Number of Servants.		Total All Classes.	
	Killed.	Injured.	Killed.	Injured.	Killed.	Injured.		Killed.	Injured.	Killed.	Injured.	Killed.	Injured.
1. Collisions between passenger trains, or parts of passenger trains	...	...	...	...	...	...	...	...	...	...	...	...	...
2. Collisions between passenger trains and goods, or mineral trains, engines, and vehicles standing foul of the line	3	...	...	...	...	...	...	...	...	...	...	...	...
3. Collisions between goods trains, or parts of goods trains	1	...	...	...	...	...	...	...	...	...	...	...	...
4. Collisions between light engines	...	...	...	...	...	...	...	...	...	...	...	...	...
5. Passenger trains, or parts of passenger trains, leaving the rails	3	...	...	...	...	...	...	...	...	...	...	...	...
6. Goods trains, or parts of goods trains, engines &c., leaving the rails	13	...	...	...	...	...	...	...	...	...	...	...	...
7. Trains or engines travelling in the wrong direction through points	1	...	...	...	...	...	...	...	...	...	...	...	...
8. Trains running into stations or sidings at too high a speed	24	...	...	...	...	...	...	...	...	...	...	...	...
9. Ditto over cattle on the line	2	...	...	...	...	...	...	...	...	...	...	...	...
10. Ditto over obstructions on the line	2	...	...	...	...	...	...	...	...	...	...	...	...
11. Ditto through gates at level-crossings	...	...	...	...	...	...	...	...	...	...	...	...	...
12. The bursting of boilers of engines	7	...	...	...	...	...	...	...	...	...	...	...	...
13. (a) Ditto of tubes, &c., of engines	12	...	...	...	...	...	...	...	...	...	...	...	...
13. The failure of machinery, springs, &c., of engines	...	...	...	...	...	...	...	...	...	...	...	...	...
14. Ditto of tyres	...	...	...	...	...	...	...	...	...	...	...	...	...
15. Ditto of wheels	...	...	...	...	...	...	...	...	...	...	...	...	...
16. Ditto of axles	...	...	...	...	...	...	...	...	...	...	...	...	...
17. Ditto of brake apparatus	6	...	...	...	...	...	...	...	...	...	...	...	...
18. Ditto of couplings	...	...	...	...	...	...	...	...	...	...	...	...	...
19. Ditto of tunnels, bridges, viaducts, culverts, &c.	...	...	...	...	...	...	...	...	...	...	...	...	...
20. Broken rails	...	...	...	...	...	...	...	...	...	...	...	...	...
21. The flooding of portions of permanent-way	...	...	...	...	...	...	...	...	...	...	...	...	...
22. Ships in cuttings or embankments	9	...	...	...	...	...	...	...	...	...	...	...	...
23. Fire in trains	...	...	...	...	...	...	...	...	...	...	...	...	...
24. Fire at stations, or involving injury to bridges or viaducts	4	...	...	...	...	...	...	...	...	...	...	...	...
25. Other accidents	3	...	...	...	...	...	...	...	...	...	...	...	...
TOTAL ALL CLASSES	83	...	...	...	...	...	...	...	...	...	...	...	...
Number of Passenger miles	131,258,683	...	...	...	795,127	465(a)	21,214	20,337	2,477,356	507	41,504	61	51,350,367
" of Servants employed	21,748	...	...	...	...	...	...	180	507	...	...	...	9,335
Train mileage of all descriptions	1,560,007	...	...	...	...	...	...	9,290	...	...	...	...	720,270

Includes 19 servants employed on collect.

(a) Includes 19 servants employed on collectry.

TABLE No. 3.—Accidents to Trains. Rolling-stock, Permanent-way, &c., reported during the Fourth Quarter of 1887, &c.—continued.

	NAGPUR.				THANOR.				BOMBAY.				JODHPUR.				CENTRAL-PROVINCES.			
	Number of		Total all		Number of		Total all		Number of		Total all		Number of		Total all		Number of		Total all	
	No.	Passengers and others.	Killed.	Injured.	No.	Passengers and others.	Killed.	Injured.	No.	Passengers and others.	Killed.	Injured.	No.	Passengers and others.	Killed.	Injured.	No.	Passengers and others.	Killed.	Injured.
1. Collisions between passenger trains, or parts of passenger trains	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
2. Collisions between passenger trains and goods or mineral trains, engines, and vehicles standing foul of the line
3. Collisions between goods trains, or parts of goods trains
4. Collisions between light engines
5. Passenger trains, or parts of passenger trains, leaving the rails
6. Goods trains, or parts of goods trains, engines, &c., leaving the rails
7. Trains or engines travelling in the wrong direction through points
8. Trains running into stations or sidings at too high a speed
9. Ditto over cattle on the line
10. Ditto over obstructions on the line
11. Ditto through gates at level-crossings
12. The bursting of boilers of engines
13 (a). Ditto of tubes, &c., of engines
13. The failure of machinery, springs, &c., of engines
14. Ditto of tyres
15. Ditto of wheels
16. Ditto of axles
17. Ditto of brake apparatus
18. Ditto of couplings
19. Ditto of trucks, bridges, viaducts, culverts, &c.
20. Broken rails
21. The flooding of portions of permanent-way
22. Slips in cuttings or embankments
23. Fire in trains
24. Fire at stations, or involving injury to bridges or viaducts
25. Other accidents	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
TOTAL ALL CLASSES	1	...	...	...	8	...	...	...	9	...	...	...	11	...	...	...	1	...	...	1
Number of Passenger miles	762,803				20,315,158				27,774,090				51,759				(a)			
" of Servants employed	189				2,866				3,048				127				95			
Train mileage of all descriptions	10,569				154,723				204,423				6,783				2,319			

(a) Current figures not available.

TABLE NO. 3. — ACCIDENTS TO TRAINS, ROLLING-STOCK, TERMINAL STATION, &c., REPORTED DURING THE YEAR 1887.

SEE ALSO TABLE NO. 4.
GUARANTEED COMPANIES.

	MADRAS.				SOUTH INDIA.				GREAT INDIAN PENINSULA.				BOMBAY, BARODA AND CENTRAL INDIA.				OTHER AND BORNEAN.			
	Number of Passengers and others.		Number of Servants.		Number of Passengers and others.		Number of Servants.		Number of Passengers and others.		Number of Servants.		Number of Passengers and others.		Number of Servants.		Number of Passengers and others.		Number of Servants.	
	No.	Total All Classes.	No.	Total All Classes.	No.	Total All Classes.	No.	Total All Classes.	No.	Total All Classes.	No.	Total All Classes.	No.	Total All Classes.	No.	Total All Classes.	No.	Total All Classes.	No.	Total All Classes.
1. Collisions between passenger trains, or parts of passenger trains.	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
2. Collisions between passenger trains and goods or mineral trains, engines, and vehicles standing foul of the line.	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
3. Collisions between goods trains, or parts of goods trains.	2	..	..	..	6	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
4. Collisions between light engines.	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
5. Passenger trains, or parts of passenger trains, leaving the rails.	..	..	..	..	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
6. Goods trains, or parts of goods trains, engines, &c., leaving the rails.	18	..	..	..	7	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
7. Trains or engines travelling in the wrong direction through points.	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
8. Trains running into stations or sidings at too high a speed.	12	..	..	..	27	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
9. Ditto over cattle on the line.	..	..	..	..	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
10. Ditto over obstructions on the line.	..	..	..	..	4	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
11. Ditto through gates at level crossings.	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
12. The bursting of boilers of engines.	..	..	..	..	2	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
13. The bursting of tubes, &c., of engines.	..	..	..	..	6	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
14. The failure of machinery, springs, &c., of engines.	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
15. Ditto of tyres.	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
16. Ditto of wheels.	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
17. Ditto of axles.	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
18. Ditto of brake apparatus.	..	..	..	..	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
19. Ditto of couplings.	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
20. Ditto of tunnels, bridges, viaducts, culverts, &c.	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
21. Broken rails.	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
22. The flooding of portions of permanent-way.	2	..	..	..	6	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
23. Slips in cuttings or embankments.	..	..	..	..	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
24. Fire in trains.	2	..	..	..	3	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
25. Fire at stations, or involving injury to bridges or viaducts.	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
26. Other accidents.	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
TOTAL ALL CLASSES.	35	..	..	..	67	..	..	..	26	..	..	..	33	..	..	..	26	..	..	..
Number of Passenger miles.	67,430,004				53,748,661(e)				126,543,200				63,337,620				44,631,312			
Number of Servants employed.	6,161				8,301(e)				25,116				6,268				6,493			
Train mileage of all descriptions.	580,627				618,195(e)				2,357,900				490,768				685,243			

(e) Excludes Pondicherry Railway.

TABLE No. 3.—ACCIDENTS TO TRAINS, ROLLING-STOCK, PERMANENT-WAY, &c., reported during the Fourth Quarter of 1887, &c.—continued.

SEE ALSO TABLE No. 4.
ASSURED COMPANIES.

	DARJILING-HIMALAYAS.				DIOGGER.				BESOL AND NORT-WESTERS.				BOHLEWAD-KHARU (INCLUDING BIRBHIL-PALESHWAR).				TANOR-DUMTIAH.			
	No.		Number of Passengers and others.		Number of Servants.		Total all Classes.		No.		Number of Passengers and others.		Number of Servants.		Total all Classes.		No.		Number of Passengers and others.	
			Killed.	Injured.	Killed.	Injured.	Killed.	Injured.			Killed.	Injured.	Killed.	Injured.	Killed.	Injured.			Killed.	Injured.
1. Collisions between passenger trains or parts of passenger trains	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
2. Collisions between passenger trains and goods or mineral trains, engines, and vehicles standing foul of the line	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
3. Collisions between goods trains, or parts of goods trains	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
4. Collisions between light engines	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
5. Passenger trains, or parts of passenger trains, leaving the rails	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
6. Goods trains, or parts of goods trains, engines, &c., leaving the rails	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
7. Trains or engines travelling in the wrong direction through points	4	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
8. Trains running into stations or sidings at too high a speed	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
9. Ditto over cattle on the line	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
10. Ditto over obstructions on the line	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
11. Ditto through gates at level-crossings	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
12. The bursting of boilers of engines	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
12(a). Ditto of tubes, &c., of engines	3	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
13. The failure of machinery, springs, &c., of engines	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
14. Ditto of tyres	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
15. Ditto of wheels	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
16. Ditto of axles	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
17. Ditto of brake apparatus	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
18. Ditto of couplings	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
19. Ditto of tunnels, bridges, viaducts, cut-verts, &c.	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
20. Broken rails	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
21. The flooding of portions of permanent-way	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
22. Slips in cuttings or embankments	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
23. Fire in trains	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
24. Fire at stations, or involving injury to bridges or viaducts	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
25. Other accidents	3	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
TOTAL ALL CLASSES	10	...	...	...	...	...	...	...	12	...	...	...	...	...	...	...	...	...	...	...
Number of Passenger miles	375,000				161,988				19,081,771				1,873,809				33,848			
" of Servants employed.	446				50				2,494				713				64			
Train mileage of all descriptions	26,683				3,339				195,908				29,245				1,700			

SEE ALSO TABLE NO. 4.

NATIVE STATES.

	AMERICAN COMPANIES—GORDAL.				THE GUANAWA.				THE MEXICAN (GUANAWA COMPANY).				THE GUANAWA.				THE GUANAWA-GORDAL.			
	Number of Passengers and others.		Number of Servants.		Number of Passengers and others.		Number of Servants.		Number of Passengers and others.		Number of Servants.		Number of Passengers and others.		Number of Servants.		Number of Passengers and others.		Number of Servants.	
	No.	Killed.	Injured.	Total All Classes.	No.	Killed.	Injured.	Total All Classes.	No.	Killed.	Injured.	Total All Classes.	No.	Killed.	Injured.	Total All Classes.	No.	Killed.	Injured.	Total All Classes.
1. Collisions between passenger trains, or parts of passenger trains.
2. Collisions between passenger trains and goods or mineral trains, engines, and vehicles standing foot of the line.
3. Collisions between goods trains, or parts of goods trains.
4. Collisions between light engines.
5. Passenger trains, or parts of passenger trains, leaving the rails.
6. Goods trains, or parts of goods trains, engines, &c., leaving the rails.
7. Trains or engines travelling in the wrong direction through points.
8. Trains running into stations or sidings at too high a speed.
9. Trains running over cattle on the line.
10. Ditto over obstructions on the line.
11. Ditto through gates at level-crossings.
12. The bursting of boilers of engines.
13(a). Ditto of tubes, &c., of engines.
14. The failure of machinery, springs, &c., of engines.
15. Ditto of tyres.
16. Ditto of wheels.
17. Ditto of axle.
18. Ditto of brake apparatus.
19. Ditto of couplings.
20. Ditto of tunnels, bridges, viaducts, culverts, &c.
21. Broken rails.
22. The flooding of portions of permanent-way.
23. Slips in cuttings or embankments.
24. Fire in trains.
25. Fire at stations, or involving injury to bridges or viaducts.
26. Other accidents.
TOTAL ALL CLASSES.	29	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Number of Passenger miles.	...	528,875	...	11,028,477	...	...	...	1,837,078	...	...	...	...	...	...	...	...	...	...	...	...
" of Servants employed.	...	581	...	1,886	...	...	...	211	...	...	...	...	...	...	...	...	...	...	...	...
Train mileage of all descriptions.	...	24,854	...	106,479	...	...	...	17,501	...	...	...	...	...	...	...	...	...	...	...	...

TOTAL ALL CLASSES.

TABLE No. 3.—ACCIDENTS TO TRAINS, ROLLING-STOCK, PERMANENT-WAY, &c., reported during the Fourth Quarter of 1887, &c.—concluded.

SEE ALSO TABLE No. 4.											
NATIVE STATES—concluded.						MOWL.					
JODHPUR.						TOTAL ALL RAILWAYS.					
No.	Number of Passengers and others.		Total all Classes.	Number of Passengers and others.		No.	Number of Passengers and others.		Total all Classes.	Number of Passengers and others.	
	Killed.	Injured.		Killed.	Injured.		Killed.	Injured.		Killed.	Injured.
1.
2.
3.
4.
5.
6.
7.
8.
9.
10.
11.
12.
13(a).
13(b).
14.
15.
16.
17.
18.
19.
20.
21.
22.
23.
24.
25.
TOTAL ALL CLASSES						...	...	...	...	...	...
Number of Passenger miles						1,804,737	2,821,527				
" of Servants employed						326	437				
Train mileage of all descriptions						14,025	27,586				
						...	1,010,602,960				
						...	155,784				
						...	21,775,002				

TABLE

ACCIDENTS TO TRAINS, ROLLING-STOCK, PERMANENT-WAY, &c., on the several RAILWAYS open for Traffic in INDIA during the year 1887, and the Number of RAILWAY SECTIONS.

RAILWAYS.	1.—Collisions between passenger trains, or parts of passenger trains.	2.—Collisions between passenger trains and goods trains, or parts of passenger trains, and vehicles standing on the line.	3.—Collisions between goods trains, or parts of goods trains.	4.—Collisions between light engines.	5.—Passenger trains, or parts of passenger trains, leaving the rails.	6.—Goods trains, or parts of goods trains, engines, &c., leaving the rails.	7.—Trains or engines travelling in the wrong direction through points.	8.—Trains running into stations or sidings at too high a speed.	9.—Trains running over cattle on the line.	10.—Trains running over obstructions on the line.	11.—Trains running through gates at level-crossings.	12.—The bursting of boilers of engines.	12(a).—The bursting of tubes, &c., of engines.	13.—The failure of machinery, springs, &c., of engines.	14.—The failure of tyres.	15.—The failure of wheels.	16.—The failure of axles.	17.—The failure of brake apparatus.	18.—The failure of couplings.	19.—The failure of tunnels, bridges, viaducts, culverts, &c.	20.—Broken rails.
STATE IMPERIAL.																					
East Indian	1	2	2	1	...	6	1	...	10	4	...	...	...	1	1	...	...	...	3	...	1
Rajputana-Malwa	1	1	1	1	1	...	39	2	1	...	1	1	...	1	2	...	11	...	1
Bengal-Nágpur	2	...	...	2	...	1	...	...	...	...	...	1	...	...	...	...
Mysore	1	...	...	...	...	...	...	...	...	...	...	...	...
Southern Mahratta	1	1	...	...	...	4	...	1	...	1	3	...	...	...	...	1	...	...
North Western	3	1	...	2	13	1	...	24	2	3	...	7	12	...	...	...	...	5	...	...
Wardha Coal
Katni-Umaria	1	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...
STATE PROVINCIAL.																					
Lucknow-Sitapur-Sitámau	1	...	...	...	2	...	...	1	...	...	...	...	...	...	...	...	...	1	...	1
Eastern Bengal Railways	1	1	...	1	6	10	...	16	5	1	...	1	8	...	...	3	...	1	...	...
Nalhati
Tirhoot	1	...	...	...	...	2	2	1	2	...	...	...	...	...	...	...	...	...	...	...	...
Burma	1	3	...	1	2	...	...	...	2	...	...	...	...
Jorhat	4	...	...	...	...	...	...	...	5	...	1	1	...	...	...	...
Cherra-Companyganj	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
GUARANTEED COMPANIES.																					
Madras	2	...	...	16	...	...	12	...	1	...	...	...	...	...	...	...	...	...	...
South Indian	1	5	...	1	7	...	...	27	1	4	...	2	6	...	...	...	...	1	...	...
Great Indian Peninsula	2	...	...	16	...	2	...	...	...	...	...	...	...	...	...	...
Bombay, Baroda and Central India	3	1	...	...	...	...	...	...	...	...	3	...	1
Oudh and Rohilkhand	4	...	...	...	5	...	...	11	...	1	...	...	...	...	...	...	...	...	...	2
ASSISTED COMPANIES.																					
Darjeeling-Himalayan	4	...	...	...	...	...	...	3	...	...	...	...	...	1	...	...
Deoghur
Bengal and North-Western	6	2	...	...	5	...	...	...	...	...	...	...	...	...	...	...	...
Rohilkhand-Kumaon (including Bareilly-Pilibhoet).	3	...	...	...	...	...	...	...	...	...	...	...	...
Tháton-Duyinsáik	2	...	...	...	1
Dibra-Sadiya	3	11	...	...	...	5	...	...	...	...	1	...	...	...	...	9	...	...
NATIVE STATES.																					
The Nizam's (Guaranteed Company)	1	...	...	1	...	...	4	...	...	...	...	...	...	...	...	...	2	...	...
The Gaekwar's
Bhávnagar-Gondal	2	...	...	...	...	...	...	...	...	...	...	...	...
Morvi
Jodhpore
TOTAL 1887	2	12	13	3	15	85	15	1	177	16	17	...	16	38	1	2	10	...	37	...	7
Average for 5 corresponding previous quarters	2	11	16	3	17	74	12	3	205	22	10	...	22	58	4	...	8	...	34	...	13

(a) Of this 12 miles were open for Passenger Traffic.

(b) Correct figures not available.

No. 4.

Fourth Quarter of 1887, distinguishing the different Classes of ACCIDENTS, the Number of PASSENGERS and OTHERS KILLED OR INJURED thereby.

										PER MILE OPEN.				TOTAL PASSENGERS					
										Number of Passengers carried.	Train mileage of all descriptions.	Passenger mileage.	Number of Passengers carried.	Train mileage of all descriptions.	Passenger mileage.	PER MILLION OF PASSENGERS.		PER MILLION OF PASSENGER MILES.	
																Killed.	Injured.	Killed.	Injured.
										Killed.	Injured.	Killed.	Injured.	Killed.	Injured.	Killed.	Injured.		
										Killed.	Injured.	Killed.	Injured.	Killed.	Injured.	Killed.	Injured.		
										Killed.	Injured.	Killed.	Injured.	Killed.	Injured.	Killed.	Injured.		
										Killed.	Injured.	Killed.	Injured.	Killed.	Injured.	Killed.	Injured.		
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										Killed.	Injured.	Killed.	Injured.	Killed.	Injured.	Killed.	Injured.		
										Killed.	Injured.	Killed.	Injured.</						

(c) Extension Pondicherry Railway.

(d) Not passenger.

(e) One was not a passenger.

TABLE

ACCIDENTS TO TRAINS, ROLLING-STOCK, PERMANENT-WAY, &c., on all RAILWAYS open for traffic in INDIA and in ENGLAND
and the Number of RAILWAY SERVANTS.

RAILWAYS.	1.—Collision between passenger trains, or parts of passenger trains.	2.—Collision between passenger trains and goods or mineral train engines and vehicles standing foul of the line.	3.—Collision between goods trains, or parts of goods trains.	4.—Collision between light engines.	5.—Passenger trains or parts of passenger trains, leaving the rails.	6.—Goods trains or parts of goods trains, engines, &c., leaving the rails.	7.—Trains or engines travelling in the wrong direction through points.	8.—Trains running into stations or sidings at too high a speed.	9.—Trains running over cattle on the line.	10.—Trains running over obstructions on the line.	11.—Trains running through gates at level crossings.	12.—The bursting of boilers of engines.	12a.—The bursting of tubes, &c., of engines.	13.—The failure of machinery, springs, &c., of engines.	14.—The failure of tyres.	15.—The failure of wheels.	16.—The failure of axles.	17.—The failure of brake apparatus.	18.—The failure of couplings.	19.—The failure of tunnels, bridges, viaducts, culverts, &c.	20.—Broken rails.
IN INDIA	5	54	72	4	66	279	46	12	1,078	61	45	1	80	217	3	1	24	5	148	1	24
Per 1,000,000 train miles	0.11	1.25	1.55	0.09	1.45	6.14	0.99	0.26	23.70	1.41	1.01	0.02	1.76	4.77	0.07	0.02	0.53	0.11	3.20	0.02	0.53
IN ENGLAND (United Kingdom)	50	53	15	...	65	8	0	22	125	48	1	...	...	7	866	1	329	...	6	0	247
Per 1,000,000 train miles	0.18	0.19	0.05	...	0.24	0.03	0.02	0.08	0.45	0.17	...	...	...	0.03	8.13	...	1.19	...	0.08	0.02	0.80

Q. 5.

ing the year 1886, distinguishing the different Classes of Accidents, the Number of Passengers and Others, KILLED or INJURED thereby.

[illegible]

GOVERNMENT OF INDIA.
PUBLIC WORKS DEPARTMENT.
CIVIL WORKS—Irrigation.

STATEMENTS OF IRRIGATION OPERATIONS ON THE INUNDATION CANALS IN THE PUNJAB FOR THE RABI CROP OF 1887-88 AND COMPARATIVE STATEMENT OF IRRIGATION AND RAINFALL IN THE DISTRICTS IRRIGATED BY THOSE CANALS FOR THE YEARS 1886-87 AND 1887-88.

STATEMENT No. 1.
IRRIGATION OPERATIONS OF THE RABI CROP OF 1887-88 ON INUNDATION CANALS.
Comparative Abstract of Irrigation and Rainfall in Canal Districts of the Punjab.

DISTRICTS.	2	3	AREA IRRIGATED.		5	6	COMPARISON WITH LAST CROP.		RAINFALL IN RABI MONTHS.												Total.			
			Area in acres.	Cultivated area in acres.			1887-88.	1886-87.	Increase.	Decrease.	October.		November.		December.		January.		February.		March.			
											1887.	1886.	1887.	1886.	1887.	1886.	1887.	1886.	1887.	1886.	1887.	1886.	1887.	1886.	1887.
Gujranwala	1,637,425	529,370	5,982	...	...	(2) 5,982	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Lahore	2,334,552	1,164,921	15,715	(1) 9,715	...	(3) 6,000	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Montgomery	3,567,750	357,622	45,714	20,325	...	(3) 25,389	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Montgomery (Lower Sutlej and Pira Canal)	Given above.	...	23,151	8,253	...	(4) 14,898	...	...	...	...	...	...	Given above.	...	...	...	...	...	...	...	...	...	...	...
Mooltan	3,763,200	799,360	142,034	142,289	...	645	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Mooltan (Sindh Canal)	Given above.	...	21,140	(1) 20,621	...	519	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Muzaffargarh	2,007,819	397,529	146,769	149,469	...	...	(5) 2,700	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Dera Ghazi Khan	2,801,280	1,008,000	56,336	47,184	...	(6) 9,152	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Shahpur	3,031,700	585,491	6,363	(1) 5,422	...	941	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
TOTAL INUNDATION CANALS	19,143,726	4,842,193	464,104	403,278	...	63,526	2,700	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...

(1) These are the correct areas and differ from those shown in the Returns for Rabi, 1886-87.
(2) Increase due to the Chehab Canal having been opened.
(3) Increase due to a steadier supply in the Upper Sutlej Canals.
(4) Increase due to development of irrigation on the Lower Sutlej and Pira Canal.
(5) Decrease is small; the area for 1887-88 is larger than for 1886-87, but that of any other year except 1886-87.
(6) Decrease due to steadier supplies, and to the Manka Canal having run throughout the crop.
Total area irrigated in 1886-87 . . . 463,278 acres.
Ditto 1887-88 . . . 464,104 "

F. J. HOME, *Lieut.-Col., R.E.,*
Offg. Joint Secy. to Govt., Punjab, P. W. D.,
Irrigation Branch.

LAHORE,
The 10th August, 1888.

NET INCREASE . . . 60,826 "